

Cocoon Production and Its Production to Kosha Silk Handloom Industries of Chhattisgarh State

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ABSTRACT

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Silk handloom businesses allude to handloom ventures adding to creation of silk. Case is a fundamental part underway of silk, so these covers are secured from different silk creating areas of Chhattisgarh state. The review is expressive in nature including optional information. The review attempts to discover the distinction among target and accomplishment level underway of Kosha and mulberry cases just as number of recipients and workers pervasive in Chhattisgarh state. Level of Increment or Decline in most recent two years is likewise evaluated. It is recognized that casing creation just as recipients/workers is more than target fixed for that specific period with the exception of mulberry cover creation in 2019-20 which is 5% not as much as target level. It is additionally tracked down that each next target depends on productivity of finishing focuses in a year ago's.

Keywords : Target, Achievement, Kosha, Mulberry, Beneficiaries, Labourers.

I. INTRODUCTION

Silk is known as Queen of Fabrics' so it tends to be considered as best of every single normal fiber. It is simply because of its extraordinary strength, brilliance, delicate quality, drapability and allure. Silk is a protein fiber which is acquired from covers created by silkworm. Kosha silk and Mulberry silk is much well known in Chhattisgarh State. Kosha silk is renowned as Kosa silk all over Chhattisgarh state. Its particular surface and configuration makes it famous in public level as well as in worldwide level. The greater part of the Kosa silk is delivered from Focal area of Chhattisgarh. Chandrapur in Janjgir-Champa

and Bilaspur are regions delivering silk from Focal Chhattisgarh. Aside from this, Raigarh and Chhuri in Katghora Tehsil of Korba from Northern Chhattisgarh are additionally notable for delivering silk. Be that as it may, Janjgir-Champa and Korba are significant silk delivering focuses of Chhattisgarh state. Dewangan people group is for the most part occupied with weaving of Kosa silk. Unadulterated kosa silk found in Chhattisgarh state is dull brilliant brown in shading. However, presently it is accessible in differed shading like dull nectar, orange, cream, pale gold, and so on

Worth Extent of Kosa silk in Chhattisgarh state is between Rs. 500 to Rs. 8000. Kosa silk aftereffects of

Chhattisgarh state consolidate Sarees, Kurtas, Dhotis, Gamchas, Wrap, Sack, Mats, Floor coverings, Cushion Covers, thus on An Indian Silkworm, *Antheraea Mylitta*, used to deliver Kosha or kosa silk. This silkworm feed on Arjun and Saja or Sal trees instead of mulberry trees so it is otherwise called wild silk. One more tamed silkworm, *Bombyx Mori* used to create one more assortment of silk, to be specific mulberry silk as this silk feed on mulberry leaves.

Kosha silkworms are raised in Raigarh, Bilaspur, Korba, Sarguja, Jashpur and Bastar regions of Chhattisgarh state. Here ancestral individuals gather cases from silkworm and sold it in nearby market.

Cocoon Production-

For creation of Casings, first and foremost silkworms are raised and the most common way of raising silkworm for creation of silk is known as Sericulture. Creation of Case includes Tree Development and Sericulture.

Mulberry trees are to be developed for mulberry leaves as *Bombyx Mori* silkworm feed on mulberry leaves while Kosha silkworm in particular, *Antheraea Mylitta* raised on Arjun and Sal trees in outside not at all like mulberry moth which are raised inside.

Silkworms are raised to deliver casings. Initially eggs are gathered and kept in wet and dull spot. Following not many days, hatchling stage starts and this is the phase of casing arrangement. Then, at that point, to

frame a case, hatchling secretes a tacky liquid and wrap itself totally. This liquid interact with air and dried. Worm is available inside cover. Following 10-15 days, pupa stage shows up in which worms are annihilated and cases are gathered yet a few casings are left for additional proliferation. These left covers changed over into moth following fourteen days.

Then, at that point, cases are reeled to deliver silk yarn which is subsequently woven in handloom.

Schemes For Development And Extension Of Kosha/Kosa And Mulberry Silk-

Plans were executed by Directorate of Rural Industries, Sericulture Sector, Govt. of Chhattisgarh for upgrading creation of Kosha and mulberry silk.

Kosha Kosa Improvement and Augmentation Plan (Raised and Nature Developed) There are absolute 333 Kosha focuses in Chhattisgarh state. Under this plan, complete space of Kosha plant is 21411 hectare. Regular Developed Covers are secured and sold by nearby ancestral individuals. Absolute space of Normal Kosa Assortment is 10000 hectare.

Mulberry Silk Development and Extension Scheme- Under this plan, absolute 74 centers and 771 acre of land region is accessible as of now. Price is determined on the basis of quality. Price of white mulberry cocoon is Rs. 168 per kg. while price of yellow mulberry cocoon is Rs. 144 per kg.

II. FINDINGS AND DISCUSSIONS

Table 1. Table representing Target, Achievement and its Percentage of Kosha, mulberry Cocoon Production and number of Beneficiaries/Labourers involved

S.No	Particulars	Unit	2018-19			2019-20			2017-18
			Target	Actual Achieved	Percentage	Target	Actual	Percentage	Target
1	Reared and Nature Grown Kosha Cocoon Production	In Lakh	1080	1292.64	120	1387.64	1463.17	105	1895
2	Mulberry Cocoon Production	In Kg	66000	66278	100.42	72600	68918	95	79860
3	Number of Beneficiaries/Labourers	In No.	40863	47461	116	52164	67171	129	69427

It is seen that Kosha Cocoons are estimated in lakhs and it is tracked down that in most recent two years, accomplishment is more noteworthy than target however year 2018-19 presents more prominent level of accomplishment when contrasted with year 2019-20. Mulberry Cocoon Creation is estimated in kilogram. In 2018-19, mulberry casing is delivered 42% more noteworthy than target level however one year from now, 5% objective isn't accomplished, implies less mulberry covers are created and target isn't finished. While delivering number of Kosha and mulberry casings, target with respect to number of recipients and workers associated with that creation is likewise fixed every year. In most recent two years, accomplishment is definitely more than target. In 2018-19 and 2019-20, level of accomplishment is 16% and 29% more than target fixed for that specific period. In 2016-17, target is fixed based on more prominent or lesser level of accomplishment. In the event that accomplishment rate is more than focus in most recent two years than lesser objective is fixed while if accomplishment rate is not as much as focus in most recent two years than more targets is fixed to recuperate the soonest.



Fig.1 : Graph representing target and achievement level of Kosha Production in last two years.

It is revealed that in 2018-19 and 2019-20, cocoon production is more than the target fixed in that particular period. Thus, we can say that in this duration, Kosha cocoon production is in rapid pace.

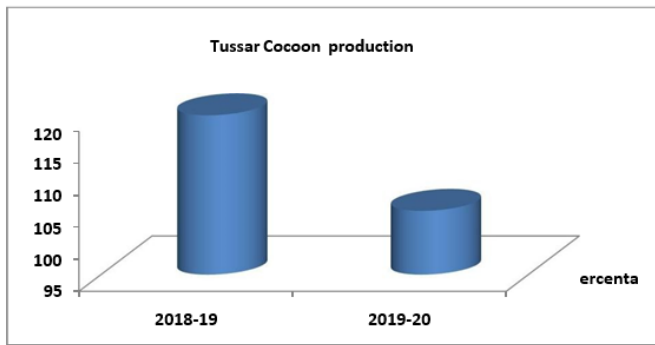


Fig. 2: Graph representing target and achievement percentage of Kosha Production in last two years. It is clear that production of Kosha cocoon is higher than target given in last two years. Year 2018- 19 shows 20% increase in Kosha cocoon production which is absolutely more than production of Kosha cocoons in year 2019-20.

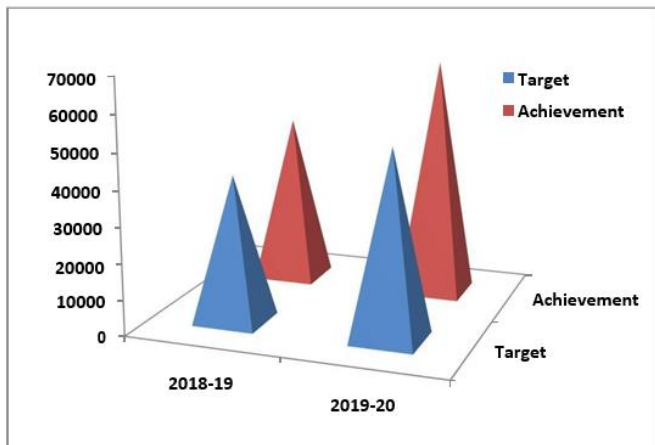


Fig. 3: Graph representing target and achievement level of Mulberry Production in last two years. It is shown that in 2018-19, mulberry cocoon production slightly cross target level but in 2016-17, mulberry cocoon production not able to complete its target.

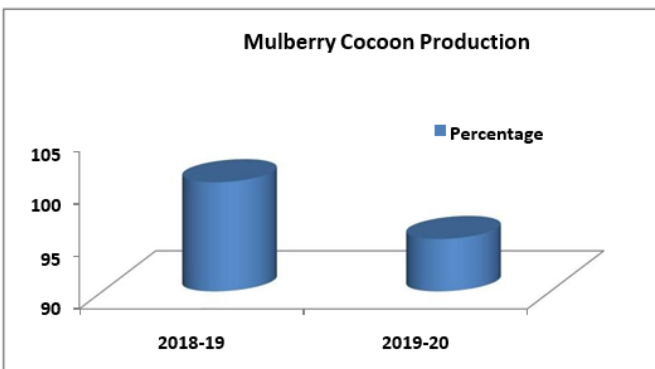


Fig. 4: Graph representing target and achievement percentage of Mulberry Production in last two years

In 2018-19, production of mulberry cocoons is little higher than target fixed in that period but in 2019-20, mulberry cocoon production is decreased in such a way that it is not even able to complete its target level.

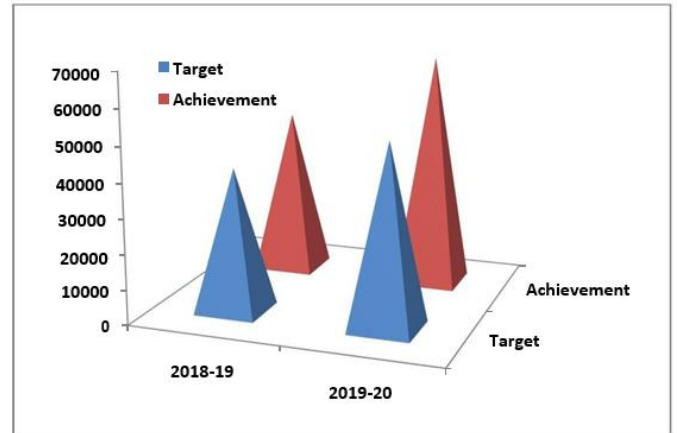


Fig. 5: Graph representing target and achievement level of Beneficiaries/Labourers for Cocoon Production in last two years.

In last two years, number of beneficiaries and labourers are increased and it crosses target level. Year 2019-20 shows higher increase than year 2018-19.

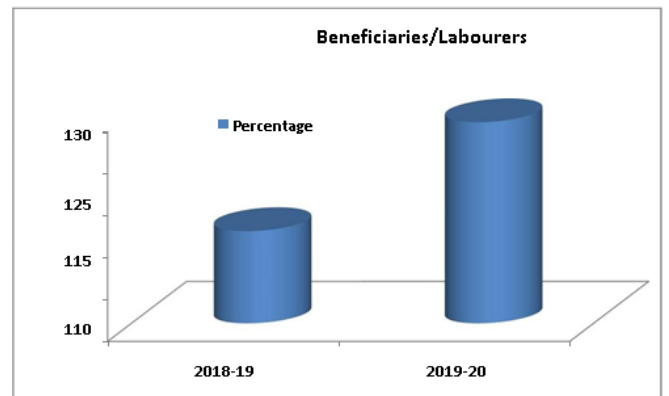


Fig. 6: Graph representing target and achievement percentage of Beneficiaries/Labourers for Cocoon Production in last two years.

There is increase in the number of beneficiaries/labourers in last two years. Around 16% and 29% increase shown in the number of

beneficiaries and labourers involved in cocoon production in year 2018- 19 and 2019-20.

III. CONCLUSION

It is concluded that in year 2019-20, only mulberry cocoon production not able to achieve its target level. Except these, there is increase in production of Kosha cocoon (nature grown and reared variety) and mulberry cocoon as well as in number of beneficiaries/labourers. In 2018-19, target sets according to the completion of target in last year. Cocoon is the basis of silk production, so production of cocoon plays an important role in production of silk. Amount of cocoons produced definitely affects or contributes to the production of silk in handloom industries of Chhattisgarh state.

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