

## SUCCESS STORY



Fig-1

**Name of the Farmer** : Shri Bharat Rabha  
**Father's Name** : Hiren Rabha  
**Village** : Dayrang, Hastinapur  
**Block** : Krishnai, PO-Khardang  
**District** : Goalpara (Assam)  
**Mobile** : 9707322353

**Bharat Rabha (50)** is a traditional Muga rearer and also a successful Adopted Seed Rearer (ASR) from Dayrang village of Krishnai block of Goalpara district Assam. Being separated from his joint family 28 years back with only 1.0 acre Som plantation, he made himself self-reliant within this period by reaping the benefits of Muga rearing.

From the first day of Muga culture time to time he gets training, technical support from Central Silk Board, Muga Silkworm Seed Organization, P-4 seed station, Mendipathar. As a successful ASR, he gets Muga DFLs at a 50% subsidized price. Further, he was supplied with rearing nets, slaked lime, bleaching powder etc.

Bharat Rabha is a man of courage who has set himself as an idol for the other sericulturists to take up Muga rearing. With his wife and 3 kids, he is conducting Muga rearing in his firm. During harvesting he hired some labour from his locality.

Before introduction as ASR under CSB, he used to rear 300 gm dfls of Muga in the 2 crop seasons i.e. *Jethua* and *Kotia* with an annual yield of 15000 to 20000 muga cocoons. After engaged as an ASR in the year 2012 he conducts his rearing 3 to 4 times in a year. He is a very promising and energetic person can able to manage any challenge in Muga rearing.

The newly evolved technologies like planting of good quality som plantation variety with 3m' x 3m' spacing, application FYM, Vermicompost using disinfectant (Slaked Lime and Bleaching powder), using the rearing net, separated brushing plot, using disinfected *chalon*i at the time of transfer of mature worms have been adopted by him. In 2016 he increases his Som plantation area 1 acre more. In his field he maintained the spacing with 3m X 3m and the seedlings was supplied by P-4 Seed Station, Mendipathar of MSSO free of cost. His keenness and urge to adopt new technologies has helped him to complete as a successful Muga rearer.

During the pandemic situation in the month of May-June (*Baisakhi*, 2020 crop), he reared 1300 gm Muga seed in his field under the strict supervision of MSSO, P-4 Seed station, Mendipathar and in between 30 days from brushing to harvesting he gets 75,000 grade 'A' cocoon 5000 grade 'B' and 'C' cocoons. MSSO, P-4 unit purchase 25,000 seed cocoons @ 3/- and rest of the grade 'A' cocoons also shelled at local market @ Rs2.5/-. He gets @ Rs2/- for grade 'B' and @Rs1.5/- for grade 'C' cocoons respectively. In this *Baisakhi* crop he gets 230000.00 (Rupees Two lakh thirty thousand) only.

He has become a “role model” in his village and nearby areas for the success achieved as a progressive Muga rearer. Encouraged by him, 5 other farmers in his area initiated Muga rearing from last 10 years. He also formed a society named “**Nayanmoni Sangha**” in the year 2005 with 17 nos. unemployed local youth and conducts Muga rearing in this Society’s field. He is the president of this society. They have leased 3acres of land including Som plantations for their Society.

**Performance Details of Bharat Rabha, Krishnai, Goalpara (Assam)**

Sl.No.	Cultivation / Rearing Details	No. / Value
1.	Total Land holding (Acre)	2
2.	Som plantation (Acre)	1
3.	Plantation Pattern	3m x 3m
4.	No. of rearing per year	3-4
5.	No. of Dfls brushed/year	2500-3500gm
6.	Cocoon Yield (No/100 gm)	5000-6000
7.	Revenue generated/year(Rs)	300000-450000
8.	Cost of production (Rs)	60000.00
9.	Net Profit (Rs)	240000-390000



**Fig. 2. Hard work pays:** Bharat Rabha with his daughter at rearing field.



**Fig. 3. During inspection:** Bharat Rabha with his 5<sup>th</sup> instars Muga worms



**Fig. 4. During Filed Visit:** Bahrat Rabha's field visit with Deputy Commissioner, Goalpara [*Baisakhi* Crop (May-June)-2020]



**Fig. 5. With his precious gems :** Bahrat Rabha with his Muga cocoons [*Baisakhi* Crop (May-June)-2020]



**Fig. 6. For extrinsic motivation:** Bahrat Rabha receiving first prize from DC North Garo Hills during Muga Vanya Krishi Vigyan Mela -2019 at MSSO, P-4 Seed Station, Mendipathar, MSSO, Central Silk Board, North Garo Hills, Meghalaya.

Reported by-

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