

CENTRAL SILK BOARD
BANGALORE - 560068

**“SILK SAMAGRA” an Integrated Scheme for Development of Silk Industry (ISDSI)-
“Silk Samagra”**

I: CAPACITY BUILDING & TRAINING FOR SERICULTURE SECTOR :

1.1 Beneficiary Empowerment Program(BEP)



1	Name of the scheme	(a) Beneficiary Empowerment Program(BEP)
2	Brief description of the scheme	Beneficiary Empowerment Programme is designed for empowering the Sericulture farmers. It aims at ‘skill seeding’ and ‘skill enhancement’ through practical oriented training. The States Sericulture/Handlooms/ Handicrafts/ Textiles Directorates will organize training under this components in different Seri-clusters.
3	Benefits of the Scheme	<ul style="list-style-type: none"> • Skill introduction and skill enhancement among stakeholders • Increase in skill & knowledge levels • Confidence boosting thereby up-swing in income level • Generation of employment opportunities (self & wage employment)
4	Implementing agency	The States Sericulture/Textiles/Handlooms/ Handicrafts Directorates
5	Unit Cost	Rs. 7000/- per Farmer

	Components under the package with cost (in Rs)	#	Items / Particulars	Unit	Unit price (Rs.)	Unit cost (Rs.)	
						Physical	Cost
6		1	Beneficiary Empowerment Programme	No of Farmers			7000
		a	Beneficiary Training				5000
		b	Sericulture Exposure visit				2000
		2	Duration of programme	days			2-10
		3	Target 2018-19 &2019-20	No	--		100000 (50000 for 2018-19 & 50000 for 2019-20)
			Total Cost Estimated		--	--	

8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 100:0:0
9	Target Group	All existing & potential Sericulture farmers including - Nursery owners, Chawki rearers, Sericulture farmers, other industry stakeholders etc.
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> • District Sericulture officers of each State should identify potential candidates at the grass root level in their respective geographies, conduct baseline /diagnostic survey to know the gaps and prepare a comprehensive project for sericulture development indicating capacity building and training requirement along with number of farmers to be trained and number of batches (each batch should comprise of a maximum of 30 farmers) and send the proposal to their respective Directorates. The beneficiaries details should be furnished as per DBT norms. • Such proposals to be discussed in respective PMCs and if recommended, the proposal along with other components be submitted to CSB for consideration, approval & funding • Fund release to States for implementation • Utilization Certificates to be submitted to CSB within one year of fund release • Tracking of participants are mandatory for training impact assessment

1.2 Sericulture Resource Centre



1	Name of the scheme	2.Sericulture Resource Centre
2	Brief description of the scheme	Sericulture Resource Centre, is like a ‘village forum’ led by a progressive/elite sericulturist of the same village/cluster for demonstrating recommended Seri-technologies for the benefit of fellow sericulturists. In other words it acts like as a link between R&D labs/Research Extension Centres and the farmers.
3	Benefits of the Scheme	<ul style="list-style-type: none"> • Existing & potential farmers get to know new processes and techniques, ‘Seeing is believing’ will help them to get convinced and adoption of improved practices would influence their returns

		<ul style="list-style-type: none"> Refinement in skill & knowledge levels Confidence boosting thereby up-swing in income level SRC will also improve cohesion among cluster farmers
4	Implementing agency	The States Sericulture/Textiles/Handlooms/ Handicrafts Directorates as well as CSB's R&D institutes
5	Unit Cost	Rs. 200000/- per SRC

6	Components under the package with cost (in Rs)	#	Items / Particulars	Unit	Unit price (Rs.)	Unit cost		
						Physical	Cost	
		1	Sericulture Resource Centre(SRC)	Centre	200000	1	200000	
		a	Procurement of Training equipments			1	125000	
		b	Honorarium to the SRC owner/Lead farmer	Batches	1500	10	15000	
		2	Operational cost per batch	Batches	6000	10	60000	
		3	Duration of the programme	days	--	1 day demonstration and experience sharing		
	Total Cost Estimated	--	--		200000			
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 100:0:0						
9	Target Group	Progressive farmers to be identified as SRCs owners and Seri-farmers						
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> District Sericulture officers of each State should identify potential candidates at the grass root level in their respective geographies, conduct baseline /diagnostic survey to know the gaps and prepare a comprehensive project for sericulture development indicating capacity building and training requirement along with number of farmers to be trained and number of batches (each batch should comprise of a maximum of 30 farmers) and send the proposal to their respective Directorates. The beneficiaries' details should be furnished as per DBT norms. Such proposals to be discussed in respective PMCs and if recommended, the proposal along with other components be submitted to CSB for consideration, approval & funding Fund release to States for implementation Utilization Certificates to be submitted to CSB within one year of fund release Tracking of participants are mandatory for training impact assessment 						

1.3 Skill training & Enterprise development programs



1	Name of the scheme	3.Skill training & Enterprise development programs
2	Brief description of the scheme	<p>Skill Training & Enterprise development Programmes (STEP) involves both structured long-term as well as short-term capacity building and training programmes. The long-term programmes include – i) PG Diploma in Sericulture in Mulberry at CSRTI, Berhampore, WB (30 seats) and Vanya silk at CTRTI, Ranchi (20 seats) of 15 months duration ii) Intensive Sericulture training (30-45 days) and iii) Entrepreneurship development programme (30-45 days).</p> <ul style="list-style-type: none"> The short-term progs include – i) Trainers Training Programme (1-2 weeks), ii) MDP: Foundation/Orientation training (15-25 days), iii) Banker Sensitization Programmes (3-7 days), iv) Technology Upgradation Programme (1-2 days), v) Farmers Skill Training (3-10 days) for Cocoon sector, Seed Sector and Post Cocoon sector (3-15 days), vi) Farmers Exposure visit (3-5 days), vii) Technology Orientation Programme for other than farmers and viii) One day lecture series (1-day). The beneficiaries’ details should be furnished as per DBT norms.
3	Benefits of the Scheme	<ul style="list-style-type: none"> Existing & potential farmers get to know new processes and techniques, ‘Seeing is believing’ will help them to get convinced and adoption of improved practices would influence their returns Refinement in skill & knowledge levels Confidence boosting thereby up-swing in income level SRC will also improve cohesion among cluster farmers
4	Implementing agency	<ul style="list-style-type: none"> Skill introduction and skill enhancement among stakeholders Refreshing the knowledge and skill sets Boost income from Sericulture
5	Unit Cost	<p>Average unit cost of Rs.10,000 per person, however, it varies from programme to programme</p> <p>i) PGDS – Rs.3.00 lakhs, ii) IST – Rs.5.00 lakhs, iii) EDP – Rs.5.25 lakhs, iv) TTP – 3.50 lakhs, v) Foundation training - 7.50 lakhs, vi)</p>

		BSP – 3.75 lakh vii) MDP – Rs.0.5 - 2.50 lakhs viii) TUP – Rs.0.75 lakh, ix) FST – Rs.5000 per person, TOP – Rs.5000/- person, Lecture series- Rs.25000/- batch
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6	Components under the package with cost (in Rs)	#	Items / Particulars	Unit	Unit price (Rs.)	Unit cost		
						Phy	Cost	
		1	Skill Training & Enterprise development Programmes	Average unit cost per Student	10000	1	10000	
		a	PGDS		300000	1	300000	
		b	IST		500000	1	500000	
		c	EDP		525000	1	525000	
		d	TTP		350000	1	350000	
		e	Foundation Training		750000	1	750000	
		f	BSP		375000	1	375000	
		g	MDP		50000 to 250000	1	50000 to 250000	
		h	TUP		75000	1	75000	
		i	FST		5000	1	5000	
		j	TOP		5000	1	5000	
		k	Lecture series		25000	1	25000	
	Average unit cost per Student	--	--			10000		
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 100:0:0						
9	Target Group	CSB in-house officials, DoS officials, NGOs/extension agents, industry stakeholders						
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> All training programmes will be conducted by CSB, based on training needs assessment Post training tracking and impact assessment should be undertaken Parallel training at different locations would be conducted seeking assistance from CSB Zonal trainers All payments/assistance cash or kind should be done through PFMS/DBT guidelines In order to maintain quality, faculty honorarium will be provided @ Rs.300/session for long-term programmes (>15 days) and Rs.500/session for short term programmes. The beneficiaries details should be furnished as per DBT norms. 						

II: PRE-COCOON SECTOR

1. Support for Development of Kissan Nurseries

1.1 Mulberry



1	Name of the scheme	Support for Development of Kissan Nurseries					
2	Brief description of the scheme	To generate planting material for promotion of high yielding Mulberry varieties in farmers field.					
3	Benefits of the Scheme	The State Sericulture Departments and other implementing agencies to facilitate the farmers/ entrepreneurs supported for raising nurseries by helping them in marketing or procuring the saplings from them for distribution to the identified project / cluster area beneficiaries.					
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states					
5	Unit Cost	Rs.1,50,000 per acre					
6	Components under the package with cost (in Rs)	No.	Particulars	Unit	Unit Cost	Physical	Financial
		I.	Preparation of Nursery				
		1	Tractor Ploughing	Hrs	800	4	3200
		2	Sand	Truck loads	10000	2	20000
		3	Bullock Plough	Days	500	2	1000
		4	Preparation of Nursery Bed	Man days	250	50	12500
		5	Farmyard Manure	MT	1000	10	10000
		6	Broadcasting of Sand	Man days	250	8	2000
		7	Broadcasting of Farmyard manure	Man days	250	8	2000
		II.	Planting and Maintenance of Nursery				
		1	Planting Material	MT/No	2000	6	12000
		2	Transportation of Planting Material	Load	3000	1	3000
		3	Preparation of Cuttings	Man days	250	35	8750
		4	Planting of Cuttings	Man days	250	105	26250

		5	Irrigation	Man days	250	20	5000
		6	Weeding	Man days	250	75	18750
		7	Fertilizer	kg	6	65	390
		8	Application of Fertilizer	Man days	250	2	500
		9	Uprooting of saplings	Man days	250	15	3750
		10	Miscellaneous	Lump sum	--	--	2000
		III.	Machineries, tools and equipment				
		1	Garden implements	Lump sum	--	--	2000
		2	Cutting making machine	No	15000	1	15000
		3	Electricity and diesel	Lump sum	--	--	1910
			Total Cost	--	--	1 Acre	150,000
7	Justification for Unit Cost	Unit cost of Rs.1,50,000/- is maximum limit including transportation of material, taxes on material/ equipment's, installation, etc. Saving in any item may be used to other items in case procurement cost is higher than estimated.					
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)					
9	Target Group	Individual/Company/Society/SPV/NGOs/ DOSs. Entrepreneurs preferably engaged in Silk Sector can be encouraged.					
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.					
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> • Though mulberry saplings can be raised throughout the year, it is suggested to raise saplings three to four months prior to the planting season, i.e February to April, so that the saplings will be ready by June to August for raising plantation taking advantage of monsoon rains. • The nursery land should be flat and elevated with adequate irrigation facilities. Low lying and submersible land must be avoided. • Sandy loam to clay loam with light textured, well drained land with PH range of 6.5 to 7.5 and soil depth of 3' is considered ideal for establishing nursery. • It is advisable to collect true to type seed cuttings of improved mulberry varieties recommended for the region and free from pests and diseases. • Cuttings should be planted in the nursery beds in straight position, exposing only one bud above the surface of the soil, following row to row distance of 20 cm and cutting to cutting distance of 10 cm. A nursery bed of size 3.0 m x 1.0 m accommodates 150 cuttings. • The unit cost to establish one acre kissan nursery has been arrived at taking into consideration the sapling cost, cultural operations, transportation, maintenance etc. • State can support upto 1.0 ha / farmers or entrepreneur under nurseries depending upon the their capacity and potential in the cluster for sericulture development. • Large scale Kissan nurseries beyond 1.0 acre could be supported on pro-rata basis 					

	<ul style="list-style-type: none"> • Capacity 1.20 lakh sapling/ acre • The beneficiaries details should be furnished as per DBT norms.
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Raising Tasar food plant Kissan Nurseries



1	Name of the scheme	Support for Development of Kissan Nurseries					
2	Brief description of the scheme	To generate planting material for promotion of high yielding Asan and Arjuna varieties in farmers field.					
3	Benefits of the Scheme	The State Sericulture Departments and other implementing agencies to facilitate the farmers/ entrepreneurs supported for raising nurseries by helping them in marketing or procuring the saplings from them for distribution to the identified project / cluster area beneficiaries.					
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states					
5	Unit Cost	Rs.1,25,000 per acre					
6	Components under the package with cost (in Rs)	(Rs.)					
		#	Particulars	Unit	Unit cost	Quantity	Amount
		1	Nursery Land preparation	md	205	20	4100
		2	Growing medium for Poly bags-FYM	Kg	1.8	20000	36000
		3	Cost of Polythene bags	Kg	150	110	16500
		4	Cost of Seed (Arjun/Asan)	Kg	6	200	1200
		5	Collection of seeds in gunny bags	md	205	8	1640
		6	Soaking of seeds & Misc works	md	205	4	820
		7	Filling of bags with Growing Medium & seed sowing	md	205	150	30750
		8	Water supply	LS			8000
9	Watering to the Nursery	md	205	10	2050		

		10	Weeding of poly bags (once during the nursery)	md	205	15	3075
		11	Cost of Plant protection chemicals	LS			1045
		12	Application of chemicals	md	205	4	820
		13	Knapsack sprayer	No.	5000	1	5000
		14	Shade net	mtr	240	50	12000
		15	Misc	LS			2000
			Total for 1 acre				125000
7	Justification for Unit Cost	Unit cost of Rs.1,25,000/- is maximum limit including transportation of material, taxes on material/ equipment's, installation, etc. Saving in any item may be used to other items in case procurement cost is higher than estimated.					
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)					
9	Target Group	Individual/Company/Society/SPV/NGOs/ DOSs. Entrepreneurs preferably engaged in Silk Sector can be encouraged.					
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.					
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> It is suggested to raise saplings 4-5 months prior to the planting season, so that the saplings will be ready by July to August for raising plantation taking advantage of monsoon rains. The nursery land should be flat and elevated with adequate irrigation facilities. Low lying and submersible land must be avoided. Sandy loam to clay loam with light textured, well drained land with PH range of 6.5 to 7.5 and soil depth of 3' is considered ideal for establishing nursery. It is advisable to collect true to type seed of improved genotypes of Asan/ Arjuna. Technical Specification: Growing medium (2 kg per polythene bag): Soil:Sand:Vermicompost-3:2:1 Polythene bags per kg: 500 (app.) and 110 kg for 55000 seedlings No of Arjun seeds per Kg= 350 (approx) Germination of seeds: 80%. 70000 seeds to be sown for raising 55000 seedlings Bed Size: 6m x 1.2 m, capacity and nos of beds/ acre -100 One nursery can support raising of plantation in 25 ha @ 2174 seedlings required for 1 hectare (including 10% mortality) at 3 mt x 1.8mt spacing and total No of seedlings required for 25 hectare including the 10% mortality =54350 (or say 55000) The unit cost to establish one acre kissan nursery has been arrived at taking into consideration the sapling cost, cultural operations, transportation, maintenance etc. State can support upto 1.0 ha / farmers or entrepreneur under nurseries depending upon the their capacity and potential in the cluster for sericulture development. 					

	<ul style="list-style-type: none"> • Large scale Kissan nurseries beyond 1.0 acre could be supported on pro-rata basis • Capacity 55000 seedling/ acre • The beneficiaries details should be furnished as per DBT norms.
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1.3 Raising Muga food plant Kissan Nurseries



1	Name of the scheme	Support for Development of Kissan Nurseries					
2	Brief description of the scheme	To generate planting material for promotion of high yielding Som and Soalu varieties in farmers field.					
3	Benefits of the Scheme	The State Sericulture Departments and other implementing agencies to facilitate the farmers/ entrepreneurs supported for raising nurseries by helping them in marketing or procuring the saplings from them for distribution to the identified project / cluster area beneficiaries.					
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states					
5	Unit Cost	Rs.90,000 per acre					
6	Components under the package with cost (in Rs)	(Rs)					
		#	Particulars	Unit	Unit Cost	Quantity	Amount
		1	Nursery Land preparation	MD	205	20	4100
		2	Rooting medium for Poly bags- Sand/FYM	Kg	1.8	20000	36000
3	Cost of Polythene tubes- (350 nos/kg; 8" x 6")	Kg	150	64	9600		

		5	Cost of Seed (4000 seeds/kg; 75% germination)	Kg	300	10	3000
		6	Selection of seeds. Preconditioning of seed	MD	205	4	820
		7	Filling of 22000 Bags with growth medium and sowing of seeds @300 bags/ md	Nos	205	70	14350
		8	Watering to the Nursery	LS	205	20	4100
		9	Polythene bag Weeding (Twice during the nursery)	MD	205	15	3075
		10	Plant Protection Chemicals	LS			1000
		11	Application of Chemicals	LS	205	4	820
		12	Knapsack sprayer	No.	5000	1	5000
		13	Shade preparation	LS			2500
		14	Shade material	LS			5000
		15	Miscellaneous				635
			Total for 1 acre				90000
7	Justification for Unit Cost	Unit cost of Rs.90,000/- is maximum limit including transportation of material, taxes on material/ equipment's, installation, etc. Saving in any item may be used to other items in case procurement cost is higher than estimated.					
8	Sharing Pattern:	CSB : State : Beneficiary 50:25:25 (General); 65:25:10 (SC/ST) 80:10:10 (Special Status States)					
9	Target Group	Individual/Company/Society/SPV/NGOs/ DOSs. Entrepreneurs preferably engaged in Silk Sector can be encouraged.					
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.					
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> • It is suggested to raise seedlings 10-12 months prior to the planting season. • The nursery land should be flat and elevated with adequate irrigation facilities. Low lying and submersible land must be avoided. • Sandy loam to clay loam with light textured, well drained land with PH range of 6.5 to 7.5 and soil depth of 3' is considered ideal for establishing nursery. • It is advisable to collect true to type seed of improved genotypes of Som/ Soalu. • Growing medium (2 kg per polythene bag): Soil:Sand:Vermicompost-1:1:1 • Number of Polythene bags per kg: 350 (app.) and 10 kg for 22000 seedlings • No of seeds per Kg= 4000 (approx) • Germination of seeds: 75%. 40000 seeds to be sown for raising 20000 seedlings • Bed Size: 6m x 1.2 m, Nos of beds/ acre -27 considering bigger polythene size required to maintain seedlings for 10-12 months. • One nursery can support raising of plantation in 40 acre @ 500 seedlings required for 1 acre (including 10% mortality) at 3 mt x 3mt spacing and total number of seedlings required for 40 acres including 					

	<p>the 10% mortality =20000</p> <ul style="list-style-type: none"> • The unit cost to establish one acre kissan nursery has been arrived at taking into consideration the sapling cost, cultural operations, transportation, maintenance etc. • State can support upto 1.0 ha / farmers or entrepreneur under nurseries depending upon their capacity and potential in the cluster for sericulture development. • Large scale Kissan nurseries beyond 1.0 acre could be supported on pro-rata basis • Capacity 20000 seedling/ acre • The beneficiaries details should be furnished as per DBT norms.
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1.4 Raising Eri food plant Kissan Nurseries



1	Name of the scheme	Support for Development of Kissan Nurseries					
2	Brief description of the scheme	To generate planting material for promotion of high yielding Kesseru varieties in farmers field.					
3	Benefits of the Scheme	The State Sericulture Departments and other implementing agencies to facilitate the farmers/ entrepreneurs supported for raising nurseries by helping them in marketing or procuring the saplings from them for distribution to the identified project / cluster area beneficiaries.					
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states					
5	Unit Cost	Rs.90,000 per acre					
6	Components under the package with cost (in Rs)					Rs	
		#	Particulars	Unit	Unit cost	Quantity	Amount
		1	Nursery Land preparation	LS	205	20	4100

		2	Rooting medium for Poly bags-Sand/FYM	Kg	1.8	20000	36000
		3	Cost of Polythene tubes- (350 nos/kg; 8" x 6")	Kg	150	64	9600
		4	Cost of Seed (20000 seeds/kg; 75% germination)	Kg	300	2	600
		5	Selection of seeds. Preconditioning of seed	LS	205	4	820
		6	Filling of Bags with growth medium and sowing of seeds @300 bags/ md	Nos	205	70	14350
		7	Watering to the Nursery	MD	205	20	4100
		8	Polybag Weeding (Twice during the nursery)	Nos	205	15	3075
		9	Plant Protection Chemicals	LS			1000
		10	Application of Chemicals	MD	205	4	820
		11	Knapsack sprayer	No.	5000	1	5000
		12	Shade preparation	LS			2500
		13	Shade material	LS			5000
		14	Miscellaneous	LS			535
			Total				87500
7	Justification for Unit Cost	Unit cost of Rs.87,500/- is maximum limit including transportation of material, taxes on material/ equipment's, installation, etc. Saving in any item may be used to other items in case procurement cost is higher than estimated.					
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)					
9	Target Group	Individual/Company/Society/SPV/NGOs/ DOSs. Entrepreneurs preferably engaged in Silk Sector can be encouraged.					
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.					
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> • It is suggested to raise seedlings 10-12 months prior to the planting season. • The nursery land should be flat and elevated with adequate irrigation facilities. Low lying and submersible land must be avoided. • Sandy loam to clay loam with light textured, well drained land with PH range of 6.5 to 7.5 and soil depth of 3' is considered ideal for establishing nursery. • It is advisable to collect true to type seed of improved genotypes of Kesseru • Technical Specification: • Growing medium (2 kg per polythene bag): Soil:Sand:Vermicompost- 1:1:1 • Number of Polythene bags per kg: 350 (app.) and 10 kg for 22000 seedlings • No of seeds per Kg= 4000 (approx) • Germination of seeds: 60%. 40000 seeds to be sown for raising 20000 seedlings • Bed Size: 6m x 1.2 m, Nos of beds/ acre -27 considering bigger 					

		<p>polythene size required to maintain seedlings for 10-12 months.</p> <ul style="list-style-type: none"> • One nursery can support raising of plantation in 40 acre @ 500 seedlings required for 1 acre (including 10% mortality) at 3 mt x 3mt spacing and total number of seedlings required for 40 acres including the 10% mortality =20000 • The unit cost to establish one acre kissan nursery has been arrived at taking into consideration the sapling cost, cultural operations, transportation, maintenance etc. • State can support upto 1.0 ha / farmers or entrepreneur under nurseries depending upon their capacity and potential in the cluster for sericulture development. • Large scale Kissan nurseries beyond 1.0 acre could be supported on pro-rata basis • Capacity -20000 seedling/ acre • The beneficiaries details should be furnished as per DBT norms.
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2. Support for Plantation Development

2.1 Mulberry Plantation Development (Bush type) :-Raising of high yielding Mulberry varieties



1	Name of the scheme	Support for Mulberry Plantation Development (Bush type) :- Raising of high yielding Mulberry varieties
2	Brief description of the scheme	To popularize improved high yielding mulberry varieties in farmers field
3	Benefits of the	To raise bush type plantations of high yielding mulberry varieties to support

	Scheme	rearing of 1000 dfls / unit/ annum
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states
5	Unit Cost	Rs.50,000 per acre

6	Components under the package with cost (in Rs)	No.	Particulars	Unit	Unit Cost	Quantity	Amount		
		I.	Labour Cost						
		1	Tractor Tilling for land preparation	Hrs	800	4	3200		
		2	FYM application	Man days	250	8	2000		
		3	Preparation ridge/furrow/pit making	Man days	250	20	5000		
		4	Planting of Saplings	Man days	250	10	2500		
		5	Ploughing for intercultural operation (two times/ year)	Man days	250	4	1000		
		6	Irrigation -40 times/ year	Man days	250	20	5000		
		7	Weeding-4 times / year	Man days	250	16	4000		
		8	Fertilizer application 3 times / year	Man days	250	3	750		
		II.	Material Cost						
		1	Farmyard manure	MT	900	8	7200		
		2	Mulberry Saplings	Nos	2.00	6000	12000		
		3	Vermicompost/ Bio & Liquid fertilizers	Lumpsum			2000		
		4	Fertilizers @ 20:20:20 kg NPK/ acre after 2 months of planting (200 kg Ammonium Sulphate, 125 kg Single Super Phosphate and 35 kg Muriate of Potash and another doze of N@20kg)				4200		
		5	Tools / appliances	Lumpsum			1150		
			Total Cost				50,000		
		7	Justification for Unit Cost	Unit cost of Rs 50,000/- is maximum limit/ acre including transportation of material, etc. Saving in any item may be used to other items in case procurement cost is higher than estimated. Unit cost of the tree type plantations is Rs 18,500/- for 300 trees / acre as per details given separately.					
		8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)					
		9	Target Group	Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector. New entrepreneurs can also be considered on certain fixed criteria.					
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.							
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> Unit costs has been arrived at taking into consideration the input costs (like labour, FYM, chemical fertilizer, irrigation, chemicals etc) for plantation and establishment of garden etc. Only Zone-wise recommended high yielding mulberry varieties 							

	<p>should be selected for plantation.</p> <ul style="list-style-type: none"> • Saplings of 4-5 month old to be used as planting material. • Irrigation and fertilizers should be applied / provided as per recommended guidelines / schedules. • State will procure saplings from Kisaan Nursery and supply to Farmers • The beneficiaries details should be furnished as per DBT norms.
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2.2 Mulberry Tree Plantation Development-Raising and maintenance of Tree plantations



1	Name of the scheme	Support for Mulberry Tree Plantation Development-Raising and maintenance of tree plantations
2	Brief description of the scheme	To popularize improved high yielding mulberry varieties in farmers field
3	Benefits of the Scheme	To raise tree type mulberry plantations to support rearing of 200 dfls / unit/ annum
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states
5	Unit Cost	Rs.18,500 per acre

6	Components under the package with cost (in Rs)	#	Particulars	Unit	Unit Cost	Quantity	Amount
		1	Saplings cost (10-12 months old)	Nos	5	330	1650
		2	Preparation of pits (1.5 ft x 1.5 ft x 1.5 ft)-300 Nos	MD	250	12	3000
		3	Farmyard manure and chemical fertilizers	LS			3000
		4	Planting the saplings	MD	250	6	1500
		5	Application of inputs and cultural operations, pot watering etc, 4 times / year	MD	250	32	8000
		6	Farm implements (spade, bucket, pick axe, secature	LS			1350

			and pruning saw)				
			Total Cost				18,500
7	Justification for Unit Cost	Unit cost of Rs 18,500/- is maximum limit for raising 300 trees/ acre including transportation of material,etc. Saving in any item may be used to other items in case procurement cost is higher than estimated.					
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)					
9	Target Group	Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector. New entrepreneurs can also be considered on certain fixed criteria.					
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.					
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> • Unit costs has been arrived at taking into consideration the input costs (like labour, FYM, chemical fertilizer, irrigation, chemicals etc) for Tree plantation. • Only recommended high yielding mulberry varieties shall be selected for plantation. • Saplings of 10-12 month old to be used as planting material. • Pot Irrigation and fertilizers should be applied / provided as per recommended guidelines / schedules. • State will procure saplings from Kisaan Nursery and supply to Farmers • The beneficiaries details should be furnished as per DBT norms. 					

2.3 Support for Tasar Host Plantation Development:



1	Name of the scheme	Support for Tasar Host Plantation Development: (Raising and maintenance of block plantations)
2	Brief description	To popularize improved high yielding Asan / Arjun varieties in farmers field

	of the scheme																																																																																																																																																						
3	Benefits of the Scheme	To raise block plantations to support rearing of 300 dfls / hectare/ annum																																																																																																																																																					
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states																																																																																																																																																					
5	Unit Cost	Rs.80,000 per hectare																																																																																																																																																					
6	Components under the package with cost (in Rs)	(Rs)																																																																																																																																																					
		<table border="1"> <thead> <tr> <th>#</th> <th>Particulars</th> <th>Unit</th> <th>Quantity</th> <th>Unit Cost</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Raising of Plantation</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>Land Clearing</td> <td>MD</td> <td>30</td> <td>205</td> <td>6150</td> </tr> <tr> <td>2</td> <td>Cost of Asan and Arjuna seedlings including 10% mortality</td> <td>No.</td> <td>2037</td> <td>4</td> <td>8148</td> </tr> <tr> <td rowspan="2">3</td> <td>Soil conservation</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>a. Staggered trench (6ft x2ft x 2ft)</td> <td>No.</td> <td>250</td> <td>44</td> <td>11000</td> </tr> <tr> <td></td> <td>b. Cattle proof trench (4 ft x 3 ft)</td> <td>cft</td> <td>7000</td> <td>2.25</td> <td>15750</td> </tr> <tr> <td>4</td> <td>Pit digging (1.5ftx1.5ftx1ft)</td> <td>No.</td> <td>1852</td> <td>5</td> <td>9260</td> </tr> <tr> <td>5</td> <td>Cost of vermicompost @ 400 gm/ plant</td> <td>Kg</td> <td>740</td> <td>7</td> <td>5180</td> </tr> <tr> <td>6</td> <td>Farm Yard manure</td> <td>CFT</td> <td>370</td> <td>10</td> <td>3700</td> </tr> <tr> <td>6</td> <td>Anti-termite treatment</td> <td>LS</td> <td></td> <td></td> <td>400</td> </tr> <tr> <td>7</td> <td>Transportation</td> <td>LS</td> <td></td> <td></td> <td>600</td> </tr> <tr> <td>9</td> <td>Filling of pits and transplantation of seedling</td> <td>Nos.</td> <td>1852</td> <td>2</td> <td>3704</td> </tr> <tr> <td>10</td> <td>Cost of seed for Intercropping</td> <td>LS</td> <td></td> <td></td> <td>800</td> </tr> <tr> <td></td> <td style="text-align: center;">Sub Total</td> <td></td> <td></td> <td></td> <td>64692</td> </tr> <tr> <td>B</td> <td>Maintenance</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>11</td> <td>Vermicompost</td> <td>Kg</td> <td>740</td> <td>7</td> <td>5180</td> </tr> <tr> <td>12</td> <td>Anti-termite treatment</td> <td>LS</td> <td></td> <td></td> <td>400</td> </tr> <tr> <td>13</td> <td>Neem Based insecticides & Leaf surface microflora</td> <td>LS</td> <td></td> <td></td> <td>600</td> </tr> <tr> <td>14</td> <td>Farm Yard manure/ compost</td> <td>CFT</td> <td>370</td> <td>10</td> <td>3700</td> </tr> <tr> <td>15</td> <td>Application of Vermicompost & Farm Yard Manure</td> <td>MD</td> <td>6</td> <td>205</td> <td>1230</td> </tr> <tr> <td>16</td> <td>Basin Formation and weeding</td> <td>Nos</td> <td>1852</td> <td>2</td> <td>3704</td> </tr> <tr> <td>17</td> <td>Misc</td> <td>LS</td> <td></td> <td></td> <td>494</td> </tr> <tr> <td></td> <td style="text-align: center;">Sub Total</td> <td></td> <td></td> <td></td> <td>15308</td> </tr> <tr> <td></td> <td style="text-align: center;">Total for 1 Hectare</td> <td></td> <td></td> <td></td> <td>80000</td> </tr> </tbody> </table>	#	Particulars	Unit	Quantity	Unit Cost	Total	A	Raising of Plantation					1	Land Clearing	MD	30	205	6150	2	Cost of Asan and Arjuna seedlings including 10% mortality	No.	2037	4	8148	3	Soil conservation					a. Staggered trench (6ft x2ft x 2ft)	No.	250	44	11000		b. Cattle proof trench (4 ft x 3 ft)	cft	7000	2.25	15750	4	Pit digging (1.5ftx1.5ftx1ft)	No.	1852	5	9260	5	Cost of vermicompost @ 400 gm/ plant	Kg	740	7	5180	6	Farm Yard manure	CFT	370	10	3700	6	Anti-termite treatment	LS			400	7	Transportation	LS			600	9	Filling of pits and transplantation of seedling	Nos.	1852	2	3704	10	Cost of seed for Intercropping	LS			800		Sub Total				64692	B	Maintenance					11	Vermicompost	Kg	740	7	5180	12	Anti-termite treatment	LS			400	13	Neem Based insecticides & Leaf surface microflora	LS			600	14	Farm Yard manure/ compost	CFT	370	10	3700	15	Application of Vermicompost & Farm Yard Manure	MD	6	205	1230	16	Basin Formation and weeding	Nos	1852	2	3704	17	Misc	LS			494		Sub Total				15308		Total for 1 Hectare				80000
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7	Justification for Unit Cost	Unit cost of Rs 80,000/- is maximum limit for raising 1.0 hectare block tasar tasar plantation including transportation of material,etc. Saving in any item may be used to other items in case procurement cost is higher than estimated.																																																																																																																																																					
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)																																																																																																																																																					
9	Target Group	Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector.																																																																																																																																																					

10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> • Unit costs has been arrived at taking into consideration the input costs (like labour, planting material, FYM, irrigation, chemicals, cultural operation, etc) for block plantation. Lumpsum provisions are made towards activities where manual labour is involved as the minimum wage differs from State to State and the said activities would be the beneficiary contribution. • Block plantation to be raised at recommended spacing of 3m x 1.8m [1852 plants/ hectare]. • Saplings of 4-5 month old to be used as planting material. Provision of additional 10% seedlings has been kept towards mortality while transplanting • Irrigation and fertilizers should be applied as per recommended schedules of cultural operation. • State will procure saplings from Kisaan Nursery and supply to Farmers • Spacing and vermicompost is decided based on experience of Special SGSY and NABARD-TDF projects. • Provision has been made for intercropping during initial period of establishment • The beneficiaries details should be furnished as per DBT norms.

2.4 Support for Muga Host Plantation Development:



1	Name of the scheme	Support for Muga Host Plantation Development: (Raising and maintenance of block plantations)					
2	Brief description of the scheme	To popularize improved high yielding Som / Soalu varieties in farmers field					
3	Benefits of the Scheme	To raise block plantations to support rearing of 800 dfls / acre/ annum					
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states					
5	Unit Cost	Rs.45,000 per acre					
6	Components under the package with cost (in Rs)					(Rs)	
		#	Particulars	Unit	Unit cost	Quantity	Total
		A	Raising of Plantation				
		1	Land Development using tractor	LS			2000
		2	Cost of Host Plant seedlings including 10% mortality	No.	5	500	2500
		3	Cattle proof trench(3 ft x3 ft x 5 ft = 45 cft)-250 running mtr	Mtr	50	250	12500
		4	Pit digging (1.5ftx1.5ftx1ft)	No.	5	450	2250
		5	Cost of vermicompost @ 400 gm/ plant	Kg	7	180	1260
		6	Farm Yard manure	CFT	10	225	2250
		7	Cost of Anti-termite treatment	LS			400
		9	Transportation of seedlings	LS			600
		10	Filling of pits and transplantation of seedling	Nos.	2	450	900
		11	Watering of plants	MD	205	5	1025
		12	Application of orgnaic fertilizers	MD	205	2	410
		13	Cost of seed for Intercropping/ bund crop	LS			905
14	Misc	LS			1000		
	Sub Total				28000		

		B	Maintenance cost / year					
		1	Vermicompost	Kg	7	180	1260	
		2	Anti-termite treatment	LS			400	
		3	Insecticides / pesticides	LS			600	
		4	Application of antitermite / antifungal treatment	MD	205	4	820	
		5	Farm Yard manure/ compost	CFT	10	225	2250	
		6	Application of Vermicompost & Fertilizers	MD	205	4	820	
		7	Basin Formation and weeding (twice/ year)	Nos	2	900	1800	
		8	Misc	LS			550	
			Sub Total					8500
			Maintenance for 2 years					17000
			Total cost for 1.0 acre block plantation					45000
7	Justification for Unit Cost	Unit cost of Rs 45,000/- is maximum limit for raising 1.0 acre block tasar tasar plantation including transportation of material, etc. Saving in any item may be used to other items in case procurement cost is higher than estimated.						
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)						
9	Target Group	Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector.						
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.						
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> • Unit costs has been arrived at taking into consideration the input costs (like labour, planting material, FYM, irrigation, chemicals, cultural operation, etc) for block plantation. Lumpsum provisions are made towards activities where manual labour is involved as the minimum wage differs from State to State and the said activities would be the beneficiary contribution. • Block plantation to be raised at recommended spacing of 3m x 3 m [450 plants/ acre]. • Saplings of 8-10 month old to be used as planting material. Provision of additional 10% seedlings has been kept towards mortality while transplanting • Irrigation and fertilizers should be applied as per recommended schedules of cultural operation. • State will procure saplings from Kisaan Nursery and supply to Farmers • Vermicompost is decided to promote organic farming • Provision has been made for intercropping during initial period of establishment. • The beneficiaries details should be furnished as per DBT norms. 						

2.5 Support for Eri Perennial Host Plantation Development: (Kessuru)



1	Name of the scheme	Support for Eri perennial Host Plantation Development: (Raising and maintenance of block plantations)					
2	Brief description of the scheme	To popularize improved high yielding Kessuru/ Ailanthus varieties in farmers field					
3	Benefits of the Scheme	To raise block plantations to support rearing of 600 dfls / acre/ annum					
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states					
5	Unit Cost	Rs.45,000 per acre					
6	Components under the package with cost (in Rs)					(Rs)	
		#	Particulars	Unit	Unit cost	Quantity	Total
		A	Raising of Plantation				
		1	Land Development using tractor	LS			2000
		2	Cost of Host Plant seedlings including 10% mortality	No.	5	500	2500
		3	Cattle proof trench(3 ft x3 ft x 5 ft = 45 cft)-250 running mtr	Mtr	50	250	12500
		4	Pit digging (1.5ftx1.5ftx1ft)	No.	5	450	2250
		5	Cost of vermicompost @ 400 gm/ plant	Kg	7	180	1260
		6	Farm Yard manure	CFT	10	225	2250
		7	Cost of Anti-termite treatment	LS			400
		9	Transportation of seedlings	LS			600
		10	Filling of pits and transplantation of seedling	Nos.	2	450	900
		11	Watering of plants	MD	205	5	1025
		12	Application of orgnaic fertilizers	MD	205	2	410
13	Cost of seed for Intercropping/ bund crop	LS			905		

		14	Misc	LS			1000
			Sub Total				28000
		B	Maintenance cost / year				
		1	Vermicompost	Kg	7	180	1260
		2	Anti-termite treatment	LS			400
		3	Insecticides / pesticides	LS			600
		4	Application of antitermite / antifungal treatment	MD	205	4	820
		5	Farm Yard manure/ compost	CFT	10	225	2250
		6	Application of Vermicompost & Fertilizers	MD	205	4	820
		7	Basin Formation and weeding (twice/ year)	Nos	2	900	1800
		8	Misc	LS			550
			Sub Total				8500
			Maintenance for 2 years				17000
			Total cost for 1.0 acre block plantation				45000
7	Justification for Unit Cost	Unit cost of Rs 45,000/- is maximum limit for raising 1.0 acre block tasar tasar plantation including transportation of material, etc. Saving in any item may be used to other items in case procurement cost is higher than estimated.					
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)					
9	Target Group	Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector.					
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.					
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> • Unit costs has been arrived at taking into consideration the input costs (like labour, planting material, FYM, irrigation, chemicals, cultural operation, etc) for block plantation. Lumpsum provisions are made towards activities where manual labour is involved as the minimum wage differs from State to State and the said activities would be the beneficiary contribution. • Block plantation to be raised at recommended spacing of 3m x 3 m [450 plants/ acre]. • Saplings of 8-10 month old to be used as planting material. Provision of additional 10% seedlings has been kept towards mortality while transplanting • Irrigation and fertilizers should be applied as per recommended schedules of cultural operation. • State will procure saplings from Kisaan Nursery and supply to Farmers • Vermicompost is decided to promote organic farming • Provision has been made for intercropping during initial period of establishment. • The beneficiaries details should be furnished as per DBT norms. 					

3. **Assistance for irrigation and other Water Conservation and usage techniques: (To cover all types of irrigation such as drip, tube / open wells, shallow wells, ponds, farm ponds, surface tanks, and similar water harvesting systems including ground level.)**



1	Name of the scheme	Assistance for irrigation and other Water Conservation and usage techniques: (To cover all types of irrigation such as drip, tube / open wells, shallow wells, ponds, farm ponds, surface tanks, and similar water harvesting systems including ground level.)
2	Brief description of the scheme	To popularize improved high yielding mulberry varieties in farmers field
3	Benefits of the Scheme	To produce optimum quantity of foliage for rearing of 1000 dfls / acre / year
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states
5	Unit Cost	Rs.50000/- per acre

6	Components under the package with cost (in Rs)	#	Particulars	Unit	Unit Cost	Physical	Financial
		1	Development of irrigation sources [Construction / Digging of farm ponds, open wells, bore-wells, bore-well recharge structures, surface tanks including storage tanks, conservation facilities etc.]	Lumpsum	--		50,000
		2	Water lifting devices [Electric Pump-set, Diesel Engine Pump-set etc.]	Lumpsum	--		35,000
		3	Sprinkler Irrigation System	Lumpsum	--		35,000
		4	Micro-Drip Irrigation System	Lumpsum	--		50,000
		5	Rain gun with accessories	Lumpsum	--		35,000
			Total Maximum Cost	--	--		50,000
7	Justification for Unit Cost	Unit cost of Rs 50,000/- is maximum limit/ acre including GST, transportation of material, Installation etc. Farmers can avail any sub component of the scheme as per suitability subject to upper limit mentioned against them. Saving in any item may be used to other items in case procurement cost is higher than estimated.					
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (General States); 65:25:10 (SC/ST) 80:10:10 (Special Status States)					
9	Target Group	Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector. New entrepreneurs can also be considered on certain fixed criteria.					
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.					
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> The actual cost has been arrived at taking into consideration the prevailing material cost, installation cost, labour cost etc. depending upon type / nature of the irrigation system. States to ensure water resource and electricity / diesel power, etc. for implementation of component. Most appropriate irrigation system shall be provided, whether drip or any other irrigation system depending upon the Zone requirements, duly ensuring least cost burden to the farmers. Supply of good quality irrigation system having Bureau of Indian Standards (BIS) marking and proper after sales service to the satisfaction of the farmers, is paramount importance. Only the recommended Design of Main and Lateral Drip Lines should be installed depending upon the type of mulberry plantation and nature of land. The beneficiaries details should be furnished as per DBT norms. 					

4. Assistance for Construction of Rearing Houses.

4.1 Mulberry



Model – I (1000 Sq. Ft.) :



Model – II (600 Sq. Ft.)



Model – III (400 Sq. Ft.)

1	Name of the scheme	Assistance for Construction of Rearing Houses.
2	Brief description of the scheme	To provide hygienic condition for silkworm rearing for enhancing cocoon productivity
3	Benefits of the Scheme	To ensure average productivity of 65-70 kg/ 100 dfls by improving rearing conditions with farmers.
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states
5	Unit Cost	Model –I: Rs.4,00,000 per House Model –II: Rs.3,00,000 per House Model –III: Rs.1,75,000 per House

6	Components under the package with cost (in Rs)	#	Items / Particulars	Floor area Unit	Unit price (Rs.)	Financial	Regions applicable
		1	Model I - with rearing capacity of 250 dfls/batch	1,000 Sq ft	Lumpsum	4,00,000	Southern states
		2	Model II - with rearing capacity of 150 dfls/batch	600 Sq ft	Lumpsum	300,000	Central and Eastern
		3	Model III -with rearing capacity of 100 dfls/batch	400Sq ft	Lumpsum	175,000	North Western and NER
7	Justification for	Unit cost indicated above is maximum to each of the region including GST,					

	Unit Cost	transportation of building material, labour charges etc. Saving in any item may be used to other items in case procurement cost is higher than estimated. However States can opt any one of the specification based on beneficiary requirement.
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)
9	Target Group	Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector.
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> • Considering the topographical nature of the regions and rearing capacity, three models of rearing houses, viz., 1000 sq ft (250 dfls rearing capacity), 600 sq ft (150 dfls rearing capacity) and 400 sq ft (100 dfls rearing capacity) have been designed and the unit cost for construction of RHs have been arrived at taking into consideration the construction material available locally. • Rearing Houses should be constructed as per the prescribed designs, but material usage is as per discretion of implementing Agency and size of the rearing house to support disinfection and hygiene management. • Each State to ensure construction of rearing houses with uniform design and elevations. • The beneficiaries details should be furnished as per DBT norms.

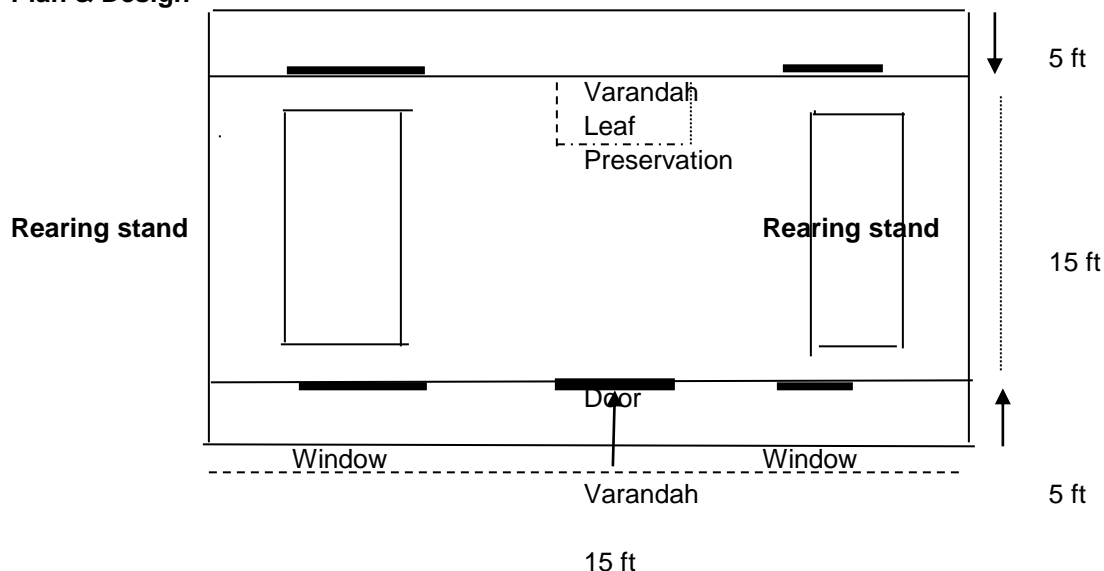
4.2 Eri Rearing House



1	Name of the scheme	Assistance for Construction of Eri Rearing House.					
2	Brief description of the scheme	To provide hygienic condition for silkworm rearing for enhancing cocoon productivity					
3	Benefits of the Scheme	To ensure average productivity of 50 kg/ 100 dfls by improving rearing conditions with farmers.					
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states					
5	Unit Cost	Rs.1,00,000 per House					
						Rs.	
	#	Particulars	Unit	Quantity	Rate	Amount	
1	6	Earth Filling (2.5 Ft ht)	MD	10	110	1100	
2		Brick -Cement Post	Nos.	12	500	6000	
3		Bricks	Nos.	5000	4	20000	
4		Cement	Bags	20	250	5000	
5		Sand	Cft	260	20	5200	
6		Door Frame	Nos.	1	1600	1600	
7		Window frame	Nos.	4	800	3200	
8		Door	Nos.	1	1600	1600	
9		Windows	Nos.	4	800	3200	
10		Roof Frame channels-C.I.or zinc sheet roof, bamboo(*) and material for false Ceiling -steel,bamboo or wooden framing with bamboo mesh / foam supported with wire mesh or zypsum board etc.	Sq Ft	500	65	32500	
12		Cement Flooring	sqft	500	16	8000	
13		Labour Charge	MD	60	180	10800	
14		Misc.				1800	
			Cost of Rearing House				100000

7	Justification for Unit Cost	Unit cost indicated above is maximum to each of the region including GST, transportation of building material, labour charges etc. Saving in any item may be used to other items in case procurement cost is higher than estimated.
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)
9	Target Group	Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector.
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> • Technical Specification/ norm • Capacity : to rear upto 100 Eri dfls / crop • Size : 15'X25' (15'+(10' for 5' two side Varandah) x10 (LxBxH) (375 sq ft) • Plinth Height : 2.5', Plinth : Brick, stones, cement • Floor : Cement plastering, Post/ Pillar : RCC or brick • Wall : 3.5" width Brick with cement: sand mortar • Roof : C.G.I.Sheet, Zinc Sheet, or roof stone sheet (2'X2'), thatch grass or other similar material rested on wooden / Bamboo frames • False Ceiling : Wooden/ Bamboo framing with bamboo mesh/ foam supported with wire mesh/asbestos • No of door : one (Z TYPE double panel)- (6' X 3' 5") • Windows : 4 Nos. wooden (4'x3') • Rearing Houses should be constructed as per the prescribed designs, but material usage is as per discretion of implementing Agency and size of the rearing house to support disinfection and hygiene management. • Each State to ensure construction of rearing houses with uniform design and elevations. • The beneficiaries details should be furnished as per DBT norms.

Plan & Design



Tentative Plan of Eri Rearing House

5. **Supply of Rearing Appliances including improved mountages (Rotary) for quality cocoon production –**

5.1 **Rearing and Mounting Equipment to Mulberry Silkworm Rearers**



1	Name of the scheme	Supply of Rearing Appliances including improved mountages (Rotary) for quality cocoon production.									
2	Brief description of the scheme	To popularize improved rearing appliances for quality cocoon production									
3	Benefits of the Scheme	To enhance rearing capacity of farmers i.e. 250 dfls/ batch in Southern states, 150 dfls/ batch in Central and Eastern states and 100 dfls/ batch in North Western and North Eastern States besides popularizing improved rearing practices for quality cocoon production									
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states									
5	Unit Cost	Rs.75,000/-for rearing 250 dfl / batch in Southern States, Rs 50,000/- for rearing 150 dfls / batch in Central & Western, and Eastern States, Rs 40,000/- for rearing 100 dfls / batch in North Western and North Eastern States									
6	Components under the package with cost (in Rs)	#	Item Particulars	Unit	Unit Price	Southern (For 250 dfls)		C & W and Eastern (For 150 dfls)		N W & NER (For 100 dfls)	
						Phy	Cost	Phy	Cost	Phy	Cost
		1	HD PVC Shoot Rearing Racks / Iron rearing stands	Sq ft	10	2000	20000	1050	10500	800	8000
		2	Plastic Tray (3' x 2') for Chawkie worm transportation	No	500	25	12500	15	7500	10	5000
3	Bamboo made Dala (4' x 6') for late age rearing	No	100	--	--	90	9000	--	--		

		4	Bed Cleaning Net	No	30	--	--	120	3600	80	2400
		5	Improved / Rotary Mountages	No	650	90	58500	--	--	--	--
		6	Plastic Collapsible mountages / bamboo Chandrike	No	70	--	--	135	9450	90	6300
		7	Plastic Cocoon Harvester (Pushers and iron frame)	Set	300	4	1200	3	900	2	600
		8	Power Sprayer	No	7500	1	7500	1	7500	1	7500
		9	Flame Gun	No	1500	1	1500	1	1500	1	2000
		10	Humidifier & Heater	Set	10000	1	10000	1	10000	1	10000
		11	Solar Lighting System	No	--	--	--	1	5000	1	5000
			Total Actual Cost as per field realities					111,200	64,950	1	46,800
			Unit cost recommended					75,000	50,000		40,000
7	Justification for Unit Cost	Unit cost indicated above is maximum to each of the region including GST, transportation, etc. Saving in any item may be used to other items in case procurement cost is higher than estimated.									
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)									
9	Target Group	Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector. New entrepreneurs can also be considered on certain fixed criteria.									
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.									
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> The unit cost per farmer having one acre has been arrived at taking into consideration the requirement of rearing appliances /equipments per batch for different Zones depending upon the rearing capacity. The farmers can be supplied with the labour reduction equipment, tools and appliances for silkworm rearing as recommended by the Research Institutes within the unit cost. For Southern States, supply of rotary mountages is essential for bivoltine sericulture. In respect of other states, plastic or other type of mountages can also be used in addition to rotary mountages within the approved unit cost. Solar Lights could be made available to farmers in non Traditional areas The beneficiaries details should be furnished as per DBT norms. 									

5.2 Rearing Equipments Support to Tasar silkworm Rearers



1	Name of the scheme	Assistance for Tropical Tasar Rearers					
2	Brief description of the scheme	In order to improve the seed cocoon productivity of existing tasar seed rearers who are willing to take up rearing of nucleus and basic seed of 200 dfls for supply of seed cocoons to PPCs / BSM&TCs/Basic Seed Production units.					
3	Benefits of the Scheme	Assistance for equipment and appliances is proposed with a unit cost of Rs.21,500 per rearer for ensuring successful seed crops.					
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states					
5	Unit Cost	Rs.21,500 /-					
6	Components under the package with cost (in Rs)	(Rs.)					
		#	Particulars	Unit	Quantity	Rate	Total
		A	Rearing Equipment				
		1	Secature/ Looping Shear	No.	2	500	1000
		2	Gattor sprayer	No.	1	7500	7500
		3	Nylon net (40'x30'x10')	No.	2	4000	8000
		4	Bamboos	No.	24	110	2640
			Sub-total				19140
		B	Tasar Silkworm Rearing				
		1	Slaked Lime	kg	50	15	750
		2	Bleaching Powder	kg	10	35	350
		3	Sodium Hypo chloride	kg	1	150	150
		4	Jeevansudha	lumpsum			300
		5	Spraying of Sodium Hypo chloride/ Jeevan Sudha	lumpsum			400
6	Misc	lumpsum			410		
	Sub-total				2360		
	TOTAL				21500		

8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)
9	Target Group	Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector. New entrepreneurs can also be considered on certain fixed criteria.
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> • Provisions for improved technologies viz., Jeevan Dhara, Sodium hupho chloride have been made.. • Commercial rearers with 1.0 Ha. block plantation of Tasar host flora and rearing capacity of 400 dfls are eligible to receive assistance. • Beneficiary share will be mostly met through supply of locally available material like bamboo and labour component. • IA shall meticulously follow the relevant points of general guidelines of ISDSI while implementing the component. • Care shall be taken for technology inputs as per recommendations of CTR&TI, Ranchi. • The beneficiaries details should be furnished as per DBT norms.

5.3 Rearing and mounting equipment & hall for Muga silkworm



1	Name of the scheme	Supply of Rearing Appliances including improved mountages and Mounting Hall for quality cocoon production.
2	Brief description of the scheme	To popularize improved rearing appliances for quality cocoon production
3	Benefits of the Scheme	To improved cocoon productivity
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states

5	Unit Cost	Rs. 86,500/- including cost of rearing equipments in outdoor conditions and mounting hall for spinning of larvae under indoor conditions					
6	Components under the package with cost (in Rs)					Rs	
		#	Particulars	Unit	Quantity	Rate	Amount
			Rearing				
		1	Nylon Rearing net (40'*30')	Nos.	4	4000	16000
		2	Plastic Basket / Basin (nos.)	Nos.	2	250	500
		3	Knapsack Sprayer for application of insecticides/ disinfection purpose	Nos.	1	5000	5000
		4	Pruning saw	Nos.	1	250	250
		5	Secateur	Nos.	1	250	250
		6	Pick axe	Nos.	1	250	250
		7	Bleaching powder & disinfectants	LS	-	-	650
			Mounting of silkworm				
1	Mounting hall cum watch & ward shed	Nos.	1	50000	50000		
2	Box type Mountage	Nos.	24	400	9600		
3	Solar lantern (subsidized cost)	Nos.	1	4000	4000		
	Total				86500		
7	Justification for Unit Cost	Unit cost indicated above is maximum to each of the region including GST, transportation, etc. Saving in any item may be used to other items in case procurement cost is higher than estimated.					
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)					
9	Target Group	Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector.					
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.					
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> • The unit cost per farmer having one acre muga block plantations has been arrived at taking into consideration the requirement of rearing appliances /equipments for 400 dfls/ crop • The farmers can be supplied equipment, tools and appliances for silkworm rearing as recommended by the Research Institutes within the unit cost. • Nylon net for early stages (Chawkie rearing) • Box type mountages for mounting of silkworms • Support for disinfection and bed disinfectants to minimize disease incidence and improve productivity • Solar Lights could be made available to farmers • The beneficiaries details should be furnished as per DBT norms. 					

5.4 Rearing and Mounting equipment to Eri silkworm rearers



1	Name of the scheme	Supply of Rearing Appliances for quality cocoon production.					
2	Brief description of the scheme	To popularize improved rearing appliances for quality cocoon production					
3	Benefits of the Scheme	To improved cocoon productivity					
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states					
5	Unit Cost	Rs. 20,000/- including cost of rearing equipments in outdoor conditions and mounting hall for spinning of larvae under indoor conditions					
6	Components under the package with cost (in Rs)					Rs.	
		#	Particulars	Unit	Quantity	Rate	Amount
		1	Rearing Platform (Bamboo or steel frame)	No.	3	1000	3000
		2	Plastic Rearing Trays - for brushing & Chawkie	No.	6	450	2700
		3	Shaded net for self rearing support	Mts	10	120	1200
		4	Plastic Mountage	No.	80	70	5600
		5	Leaf Preservation Chamber	LS	-	-	500
		6	Plastic Basket / Basin (nos.)	No.	2	250	500
		7	Knapsack Sprayer for disinfection Chemical, bleaching powder & disinfectants/ Hooks, G.I. Wire etc	No.	1	5000	5000
		8		LS	-	-	1500
		Total Cost of Start up tools				20000	
7	Justification for Unit Cost	Unit cost indicated above is maximum to each of the region including GST, transportation, etc. Saving in any item may be used to other items in case					

		procurement cost is higher than estimated.
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)
9	Target Group	Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector.
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> • The unit cost per farmer having one acre Kesseru block plantations has been arrived at taking into consideration the requirement of rearing appliances /equipments for 150 dfls/ crop • The farmers can be supplied equipment, tools and appliances for silkworm rearing as recommended by the Research Institutes within the unit cost. • Plastic trays of 3' x2' size for incubation, black boxing and chawkie rearing • Provision for shelf rearing for adult stage, • Provision for hooks and G.I. wire for making platform • Support for disinfection and bed disinfectants to minimize disease incidence and improve productivity • The beneficiaries details should be furnished as per DBT norms.

6. Support for Prophylactic Measures for assured cocoon yield for all sectors



1	Name of the scheme	Support for Prophylactic Measures for assured cocoon yield
2	Brief description of the scheme	To popularize disinfectants for disease management and enhancing cocoon productivity
3	Benefits of the Scheme	To promote use of disinfectants for disease management for assured cocoon yield and enhancing cocoon productivity.
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states
5	Unit Cost	Rs. 5,000/- per farmer for mulberry Rs.2500/- per farmer for vanya sector

6	Components under the package with cost (in Rs)	I	Items / Particulars	Unit	Unit price (Rs.)	Southern States for 5 crops of 250 dfls/ batch		C & W and Eastern States for 4 crops of 150 dfls/ batch		N W & NER states for 4 crops of 100 dfls/ batch	
						Phy	Cost	Phy	Cost	Phy	Cost
			General Disinfectants								
		1	Asthra	100 gm	175	12	2100	8	1400	4	700
		2	Sanitech	500 ml	100	--	--	8	800	4	400
		3	Bleaching Powder	kg	30	25	750	18	540	12	360
		4	Lime	kg	12	50	600	25	300	16	192
		II	Bed Disinfectants (Ankush, Rashak, Vijetha etc)	Packets	60	50	3000	25	1500	16	960
		III	For Uzi Fly Control	--	--	--	--	--	--	--	--
			Uzi Trap (Chemo trap for attracting adult uzi flies)	No. Strips	40	2	80	2	80	--	--
			Total actual cost				6530		4620		2612
7	Justification for Unit Cost	For Mulberry sector, unit cost of Rs 5,000/- per farmer is recommended towards disinfectants is maximum under the scheme including GST, transportation, etc., While it has been restricted to Rs.2500/- for Vanya sector. The zone-wise unit cost indicated above is for mulberry and shall apply to each of the region. Saving in any item may be used to other items in case procurement cost is higher than estimated.									
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)									
9	Target Group	Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector. New entrepreneurs can also be considered on certain fixed criteria.									
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.									
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> Farmers of Southern Region shall be entitled unit cost of Rs 5000/- per farmer / year for facilitating rearing of 1250 DFLs / year. Farmers of North Western & North Eastern Region shall be entitled unit cost of Rs 2,500/ farmer/ year for rearing 400 DFLs/ year Farmers of Central & Western and Eastern region shall be entitled unit cost of Rs 4000/ farmer/ year to rear 600 DFLs/ year For Vanya sector, Unit Cost of Rs.2500/- per farmer is recommended. The disinfectants to be procured from list of approved suppliers and the disinfectants to be supplied by the concerned agencies will be subject to quality test either by the State or CSB research institutes/laboratories The disinfectants supplied should be well within expiry date. The disinfectants should be used as per the recommendations of the research institutes for the particular region. 									

- The beneficiaries details should be furnished as per DBT norms.

7. **Production units for Biological inputs / Door-to-door service agents for disinfection and inputs supply and assistance for Sericulture Poly-Clinics**



1	Name of the scheme	Production units for Biological inputs / Door-to-door service agents for disinfection and inputs supply and assistance for Sericulture Poly-Clinics
2	Brief description of the scheme	To popularize disinfectants for disease management and enhancing cocoon productivity
3	Benefits of the Scheme	To promote private entrepreneurs for providing service to farmers for disease management in sericulture
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states
5	Unit Cost	Rs. 1,75,000/- per Entrepreneur (Maximum)

#	Items / Particulars	Unit	Unit price (Rs.)	Unit cost for the Region			
				Southern States		Other States	
				Phy	Cost	Phy	Cost
Establishment of Production Units for Biological Inputs (Nesolynx thymus, Lady bird beetles, Trichogramma chilonis / Scymnus coccivora)							
I	Equipment's						
1	Iron Stand (6" x 5' x 6" - 10 rows)	No	3000	4	12000	--	--
2	Plastic crates (non perforated) 57cm x 36 cm x 11cm	No	400	40	16000	--	--
3	Plastic Tray (non perforated) 90cm x 60cm x 6cm	No	400	20	8000	--	--
4	Plastic crates (non perforated) 57cm x 36 cm x 6cm	No	400	45	18000	--	--
5	Plastic Basins - 45 cm diameter, 20 cm height	No	80	80	6400	--	--
6	Plastic Tray with perforated bottom (90 cm x 60 cm x 6 cm)	No	400	8	3200	--	--
7	Open shelf (6 x 3' x 1 ft. shelf)	No.	3000	2	6000	--	--
8	House fly cage (2' x 1.5' x 1.5')	No.	300	3	900	--	--
9	Plastic Boxes with mesh lid	No.	20	250	5000	--	--
10	Room heater	No.	2000	2	4000	--	--
11	Refrigerator 250 lts	No.	10000	1	10000	--	--
12	Measures (measuring cylinders - plastic)	No.	60	5	300	--	--
13	Working table Wooden 2.5' x 4'	No.	3000	2	6000	--	--
14	Office table	No.	3000	1	3000	--	--
15	Chairs	No.	600	4	2400	--	--
17	Stool	No.	300	4	1200	--	--
18	Wet & Dry Thermometer	No.	1200	2	2400	--	--
19	Balance	No.	2000	1	2000	--	--
20	Plastic container to store water	No.	800	1	800	--	--
21	Almirah	No.	8000	1	8000	--	--
22	Wooden cages 1 x 1 x 1	No.	500	25	12500	--	--
B	Consumables						
1	Pumpkin	kg	25	400	10000	--	--
2	Wheat Bran	kg	30	400	12000	--	--
3	Cow dung cake	kg	12	175	2100	--	--
4	Milk powder	kg	150	30	4500	--	--
5	Yeast	kg	250	4	1000	--	--
6	Honey	kg	300	2	600	--	--
7	Absorbent Cotton	Rolls	125	3	375	--	--
8	Sugar	Kg	35	25	875	--	--
9	Packing material Nylon net pouches, plastic boxes, cardboard boxes, gum tape etc..	LS	--	--	4000	--	--
10	Cloth	LS	--	--	1200	--	--
11	Miscellaneous (soap, detergents, stapler pins, rubber bands etc.)	Lump sum	--	--	1500	--	--
	Sub Total				175000		

6

Components under the package with cost (in Rs)

	Components under the package with cost (in Rs)	#	Items / Particulars	Unit	Unit price (Rs.)	Unit cost for the Region			
						Southern States		Other States	
						Phy	Cost	Phy	Cost
7		Setting up of Door to Door Service Agents for Disinfection & Setting up of Sericulture Polyclinics							
		1	Vehicle with modification charges	No.	60000	1	60000	1	60000
		2	Power Sprayer with accessories	No.	15000	1	15000	1	15000
		3	Mask	No.	2500	1	2500	1	2500
		4	Hose Pipe	Unit	2500	1	2500	1	2500
		5	Water Container - 100 l capacity	No.	500	1	500	1	500
		6	Buckets	No.	100	2	200	2	200
		7	Filters	No.	200	2	400	2	400
		8	Flame Gun	No.	2000	1	2000	1	2000
		9	Aprons	No.	500	2	1000	2	1000
		10	Tool Kits	Set	1500	1	1500	1	1500
		11	Rain Coat	No.	500	2	1000	2	1000
		12	Storage Rack for Equipments	No.	5000	1	5000	1	5000
		13	Chair/ Tables	Lump sum	--	--	5000	--	5000
		14	Gum Boot	No.	800	2	1600	2	1600
		15	Portable soil testing unit	No.	32000	1	32000	1	32000
		17	Microscope	No.	8000	1	8000	1	8000
		18	Mixer with 4 jars	No.	4000	1	4000	1	4000
		19	Centrifuge (10000 rpm)	No.	19000	1	19000	1	19000
		20	Cyclo-mixer	No.	2000	1	2000	1	2000
		21	Plastic & glasswares	Lump sum	--	--	3500	--	3500
		22	Duster	No.	6000	1	6000	1	6000
		23	Chemicals	Lump sum			1,300		1300
		24	Hand Gloves	Pair	250	4	1,000	4	1000
					Sub Total			175,000	175000
8	Justification for Unit Cost	Unit cost of Rs 1,75,000/- is maximum limit including transportation of material, taxes on material/ equipments, installation, etc. Saving in any item may be used to other items in case procurement cost is higher than estimated.							
9	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)							
10	Target Group	Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector. New entrepreneurs can also be considered on certain fixed criteria.							
11	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.							
12	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> Entrepreneur may choose any one activity eg, Establishment of Production Units for Biological Inputs or Setting up of Door to Door Service Agents for Disinfection & Setting up of Sericulture Polyclinics within the maximum unit cost of Rs 1,75,000/- 							

		<ul style="list-style-type: none"> • Component "Establishment of Production Units for Biological Inputs" is applicable only to South Indian States • Bio-control agents : <ol style="list-style-type: none"> 1. Nesolynx thymus for "Uzi fly" pest control 2. Scymnus coccivora for "Tukra" disease control • Production capacity per unit / Month for Bio-Control Unit. <ol style="list-style-type: none"> 1. Nesolynx thymus : 2000 – pouches covering 80000 DFLs (@ 50 dfls/ pouch) 2. Scymnus coccivora : 75,000 Beetles covering 150 Acres (Mulberry) (@ 500 beetles per Acre/ year) • The actual cost for establishment of bio-control units have been arrived at taking into consideration the equipment cost and raw material cost etc. • The actual cost for Door to Door Service Agents has been arrived at taking into consideration the cost of motor cycle to carry the disinfecting equipments like power sprayer, disinfectants, accessories and safety equipments etc. • The entrepreneurs / unemployed graduates should be trained on the concerned activity in a Research Institute / Training Centre of the Central Silk Board before taking up the activity. • The Entrepreneurs / unemployed graduates who receive assistance will be issued a Certificate either from DOS / CSB as the authorized person to sell / distribute the biological control agents, disinfectants and conduct disinfection. • The DOS / CSB will adopt a quality control system so as to ensure the quality of biological agents produced and disinfectants distributed in the field. • The beneficiaries details should be furnished as per DBT norms.
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8. Popularization of Chawki Rearing Centre (CRC) with Incubation Centers – Mulberry



1	Name of the scheme	Popularization of Chawki Rearing Centre (CRC) with Incubation Centers
2	Brief description of the scheme	To popularize disinfectants for disease management and enhancing cocoon productivity
3	Benefits of the Scheme	To promote rearing and supply of chawki reared silkworms to the farmers for robust health and enhancing productivity of bivoltine crops. Each CRC in south to cater to 70-100 farmers depending upon brushing capacity of the farmers/ batch
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states
5	Unit Cost	Rs. 12,00,000/- per CRC

	Components under the package with cost (in Rs)	#	Items / Particulars	Unit	Unit price (Rs.)	Unit cost for the Region			
						Southern States		Rest of India	
						Phy	Cost	Phy	Cost
6		I.	Inputs for plantation and establishment of 2.00 acres chawkie garden for south and 1.0 acre chawkie garden for other states(Mulberry cuttings/saplings, labour, bullock power, FYM, chemical fertilizer, chemicals etc)	LS	--	--	100,000	--	50,000
			Micro-irrigation				100,000		50,000
		II.	Rearing house (size:42'x30'16') to rear 5000 dfls/ batch	No	--	1	500,000	1	500,000
		III	Equipments		--	--	--	--	--
		1	Plastic rearing trays	No	500	400	200,000	400	200,000
		2	Rearing stands GI Pipes or Angle Iron	No	5,000	4	20,000	4	20,000
		3	Incubation frames	No	50	100	5,000	100	5,000
		4	Leaf chopping machine	No	30,000	1	30,000	1	30,000
		5	Humidifier (heavy duty)	No	16,000	1	16,000	1	16,000
		6	Heater	No	2,500	2	5,000	2	5,000
		7	Power sprayer	No	15,000	1	15,000	1	15,000
		8	Disinfection mask	No	5,000	1	5,000	1	5,000
		9	Microscope	No	12,000	1	12,000	--	--
		10	Wet and dry bulb thermometer	No	1,200	1	1,200	1	1,200
		11	Bed cleaning nets	No	30	1,200	36,000	600	18,000
		12	Plastic tray washing machine	No	35,000	1	35,000	--	--
13	Chawki dusting machine	No	35,000	1	35,000	--	--		
14	1 KVA Generator	No	25,000	1	25,000	1	25,000		
15	Incubation Center	No			300,000	--	300,000		
			Total Cost Estimated	--	--	1	1,440,200	1	1,240,200
7	Justification for Unit Cost	Unit cost indicated above is maximum including GST, transportation, etc. State may choose the equipment's as per suitability within the unit cost of Rs 12.0 lakh for Southern States and Rs 10.00 Lakh for rest of India. Saving in any item may be used to other items in case procurement cost is higher than estimated.							
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)							
9	Target Group	Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector. New entrepreneurs can also be considered on certain fixed criteria.							
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.							
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> For establishment of a new CRC, well irrigated with recommended high yielding mulberry variety plantation should be taken up in flat land with porous and fertile soil. 							

		<ul style="list-style-type: none">• Depending upon the rearing capacity, the required rearing appliances / equipment's, CRC building and other inputs have been recommended and accordingly the actual cost for different Zones have been worked out.• Two acres of chawki garden is essential in southern states for a CRC to rear 1.60 lakh dfls of chawki worms @ 5000 dfls / batch once in every 10 days interval with 32 batches per annum.• One acres of chawki garden is essential in nontraditional states in rest of India for a CRC to rear minimum of 0.40 lakh dfls of chawki worms @ 5000 dfls / batch with 8 batches per annum in 4 rearing crop seasons.• The CRC should be registered with Central Silk Board as per the Seed Act.• CRC building should be constructed as per the prescribed design and specification.• The beneficiaries details should be furnished as per DBT norms.
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III: SEED ORGANIZATION

1. Revolving Capital fund support for State Grainages and RSPs



1	Name of the scheme	Revolving Capital fund support for State Grainages and RSPs
2	Brief description of the scheme	Working capital fund will be provided to existing State grainages and Registered Seed Producers (RSP) for procuring quality seed cocoons and necessary chemicals used in the process of production of quality silkworm eggs.
3	Benefits of the Scheme	<ul style="list-style-type: none"> • Grainage can procure quality seed cocoons and chemicals for production of quality DFLs • Time availability of quality DFLs in nearby areas • Increase in Quality Bivoltine Seed Production
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states
5	Unit Cost	Rs.18.00 Lakhs

		#	Item/particulars	Unit	Phy.	Unit Cost (Rs.)
6	Components under the package with cost (in Rs)	1	For production up to 5.00 lakh CB dfls.	Lakhs DFLs	Up to 5	
			Total Actual Cost			400,000
			Unit Cost recommended			400,000
		2	For production above 5.00 lakh & up to 10.00 lakh CB dfls.		5 to 10	
			Total Actual Cost			950,000
			Unit Cost recommended			950,000
		3	For production up to 5.00 lakh BV dfls.		Up to 5	
			Total Actual Cost			1,250,000
			Unit Cost recommended			1,250,000
		4	For production above 5.00 lakh & up to 10.00 lakh BV dfls.		1	
			Total Actual Cost			2,200,000
			Unit Cost recommended			1,800,000
7	Justification for Unit Cost	<p>Unit cost indicated above is maximum to each of the region including GST, transportation of building material, labour charges etc. Saving in any item may be used to other items in case procurement cost is higher than estimated.</p> <p>Support will be extended as RS 4.00 & 9.50 lakh for the production of 5.00 lakh and 10.00 lakh of CB dfls respectively and RS 12.5 lakh & 18.00 lakh for the production of 5.00 lakh & 10.00 lakh bivoltine dfls respectively</p>				
8	Sharing Pattern: General State Special Status State	<p>CSB : State : Beneficiary</p> <p>50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)</p>				
9	Target Group	Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector. New entrepreneurs can also be considered on certain fixed criteria.				
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.				
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> Assistance should be extended only to the Registered Seed producers. The Revolving Capital amount required is calculated based on, the cost of seed cocoons required to produce commercial seed, the optimum recovery of eggs, Production cycles / year The RSPs need to enter into a agreement for utilization of revolving capital fund Cost of seed cocoons required to produce commercial seed shall be covered under the component The amount of revolving fund shall be recommended by Joint Review Committee Utilization of revolving fund and its flow shall be closely monitored by DOS Non- erodable revolving fund utilization by the beneficiary has to be supported by adequate documentation and verified regular intervals by DoS 				

2. Seed Testing Equipment's for State and Private RSPs



1	Name of the scheme	Assistance for purchasing Seed Testing Equipment's for State and Private RSPs.
2	Brief description of the scheme	Quality disease free laying for which testing facilities shall have to be provided in seed production centres of DOS as well as private producers
3	Benefits of the Scheme	Strengthening of DOS grainages and RSPs with testing amenities required for production of Quality dfls
4	Implementing agency	Existing DoS & RSPs grainages engaged in seed production
5	Unit Cost	Rs.5,41,000/-

6	Components under the package with cost (in Rs)	No.	Particulars	Unit	Unit Cost	Physical	Financial
			For production of below 10.00 lakh CB & BV dfls.				
			Equipments				
		1	Binocular Microscope	No.	30,000	2	60,000
		2	Centrifuge (8 Heads 100 ml. 200 Tubes)	No.	75,000	1	75,000
		3	Mixi (with 6 jars)	No.	8,500	2	17,000
		4	Cyclomixer	No.	6,000	1	6,000
		5	Moth Examination Tables	No.	8,000	2	16,000
		6	Testing Stools	No.	2,000	3	6,000
		7	Working Tables	No.	10,000	2	20,000
		8	Funnel	No.	80	100	8,000
		9	Beaker	No.	80	25	2,000
		10	Test Tube Stands	No.	300	25	7,500
		11	Vacuum Cleaner	No.	20,000	1	20,000
		12	Chemicals	Lumpsum	15,000		15,000
		13	Glass wares	Lumpsum	8,000		8,000

		14	Consumables		10,000		10,000
			Total Actual Cost				270500
			Unit Cost recommended				270500
			Unit Cost For Production of 10.00 lakh and above CB &BV dfls.				541000
7	Justification for Unit Cost	<p>Unit cost indicated above is maximum to each of the region including GST, transportation of building material, labour charges etc. Saving in any item may be used to other items in case procurement cost is higher than estimated.</p> <p>Under this scheme assistance shall be provided to 125 grainages as a onetime assistance Rs 270500/- and Rs 541000/- to procure seed testing equipment for producing below 10.00 lakh and above 10.00 lakh dfls respectively</p>					
8	Sharing Pattern: General State Special Status State	<p>CSB : State : Beneficiary</p> <p>50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)</p>					
9	Target Group	<p>Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector. New entrepreneurs can also be considered on certain fixed criteria.</p>					
10	Technical & Training Support	<p>Provided by CSB Institutes or its sub units / Concerned State Dept.</p>					
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> • Assistance should be extended only to the Registered Seed producers. • Commercial seed producers shall be covered under the component • RSPs producing a minimum of 2.50 lakhs dfls in the preceding year shall merit consideration for support under this component • The beneficiaries details should be furnished as per DBT norms. 					

3. Up-gradation of State and Private Commercial Seed Production units & Establishment of Cold Storage



1	Name of the scheme	Support to upgrade State and Private Commercial Seed Production units & Establishment of Cold Storage
2	Brief description of the scheme	State and private grainages to up-grade seed production infrastructure, procurement of equipment's & establishment of Cold Storage etc.
3	Benefits of the Scheme	Up gradation of grainage & establishment of cold storage facilitate quality silkworm seed production
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states
5	Unit Cost	One time assistance to Seed producers for procuring equipments & upgrading existing seed production centre – Rs- 47,60,000/- Establishment of Cold Storage (50 lakh capacity) - Rs- 2,00,00,000/- Establishment of Cold Storage (100 lakh capacity) -Rs- 4,00,00,000/-

#	Items / Particulars	Unit	Unit price (Rs.)	Physical	Cost
A Support to upgrade State and Private Commercial Seed Production units					
Equipments & Upgradation of Infrastructure					
1	Plastic trays (2' x 3')	Number	350	200	70,000
2	Grainage stands	Number	15,000	10	150,000
3	Power sprayer	Number	35,000	1	35,000
4	Disinfection masks	Number	16,000	2	32,000
5	Room heaters	Number	10,000	4	40,000
6	Humidifier	Number	28,000	1	28,000
7	Split air conditioner	Number	40,000	2	80,000
8	Acid treatment bath with timer	Number	35,000	1	35,000
9	Loose egg washing tray	Number	20,000	1	20,000
10	Loose egg drying chamber	Number	10,000	1	10,000
11	Loose egg winnowing unit	Number	8,000	1	8,000
12	Male moth preservation chamber (5-7 °C)	Unit	450000	1	450,000

6 Components under the package with cost (in Rs)

	13	Working Table	Number	10,000	3	30,000
	14	Egg Preservation Chamber	Unit	600000	1	600,000
	15	Plastic barrel ,Bucket etc	Lumpsum	10,000		10,000
	16	Renovation of the existing building	Lumpsum			3,162,000
		Total Actual Cost			1	4,760,000
		Unit Cost recommended			1	4,760,000
	B	Establishment of Cold Storage				
		a) 50 lakh capacity	Number	20,000,000	1	20,000,000
		b) 100 lakh capacity	Number	40,000,000	1	40,000,000
		Upgradation of existing Seed production centres & (5lakh capacity) & Establishment of 50 lakh capacity cold storage	Number	244,760,000	1	244,760,000
	Upgradation of existing Seed production centres (5lakh capacity) & Establishment of 100 lakh capacity cold storage	Number	444,760,000	1	444,760,000	
7	Justification for Unit Cost	<p>Unit cost indicated above is maximum to each of the region including GST, transportation of building material, labour charges etc. Saving in any item may be used to other items in case procurement cost is higher than estimated.</p> <p>A total of 13 units shall be up-graded under this component and a onetime assistance of Rs 47.60 lakhs shall be provided for the up gradation of existing grainage of 5 lakh dfl capacity.</p>				
8	Sharing Pattern: General State Special Status State	<p>CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)</p>				
9	Target Group	<p>Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector. New entrepreneurs can also be considered on certain fixed criteria.</p>				
10	Technical & Training Support	<p>Provided by CSB Institutes or its sub units / Concerned State Dept.</p>				
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> Assistance shall be extended only to the Registered Seed producers. Proposed to provide one time assistance to the Registered Seed Producers for procuring the equipment (for producing 5 lakh dfls) & Establishment of Cold storage of 50 lakh or 100 lakh capacity One time assistance shall be provided to seed producers for modernizing the equipments/building /establishment of cold storage as per the unit cost. Testing Equipment are not included under the scheme Grainages shall execute an agreement to produce seed in these centers for a minimum period of 5 years RSPs producing a minimum of 2.50 lakhs dfls in the preceding year shall merit consideration for support under this component The beneficiaries details should be furnished as per DBT norms. 				

4. Strengthening of Mulberry Silkworm Seed rearers (ASRs) for Quality Seed Cocoon Generation



1	Name of the scheme	Strengthening of Mulberry Silkworm Seed rearers (ASRs) for Quality Seed Cocoon Generation					
2	Brief description of the scheme	Mulberry silkworm seed production both at Government and private Level have realized the importance of Registered Adopted Seed rearers in adopting newer and efficient technologies to improve the production of quality seed cocoons and finally recovery of quality dfls and thereby improving the profitability of the enterprise as a whole.					
3	Benefits of the Scheme	To support ASRs for the production of Quality Seed Cocoon Generation					
4	Implementing agency	Registered Adopted Seed rearers in Mulberry Seed Sector					
5	Unit Cost	Rs 1,000,00 Per ASR					
6	Components under the package with cost (in Rs)	#	Items / Particulars	Unit	Unit price (Rs)	Unit cost applicable for all Zones (RS)	
						Physical	Cost
		1	Plastic Chawki trays (2'X 3')	No	720	10	7200
		2	Shoot rearing racks	Sq ft.	11	800	8800
		3	Power sprayer	No	20000	1	20000
		4	Room Heater (circumferal)	No	8000	1	8000
		5	Bed cleaning net	No	25	40	1000
		6	Humidifier	No	10000	1	10000
		7	Plastic collapsible mountage	No	100	200	20000
		8	Disinfection mask	No	11000	1	11000
		9	Plastic Tank (100 lit)	No	1000	2	2000
		10	Flame gun	No	1200	1	1200
		11	Incubation Frame	No	60	5	300
		13	Hygrometer (Digital)	No	1000	1	1000
		14	Egg carrying Box / bag	No	500	1	500
		15	Duster	No	1000	2	2000
		16	Pruning saw	No	500	2	1000
		17	Secateur	No	1000	2	2000
		18	Cocoon Harvester	No	2000	2	4000
	Total Actual Cost as per field realities					100000	

7	Justification for Unit Cost	Assistance should be extended only to the Registered Seed Cocoon producers (Adopted Seed rearers in Mulberry Seed Sector). RSPs brushing a minimum of 100 dfls in the preceding year shall merit consideration for support under this component.
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)
9	Target Group	Registered Seed Cocoon producers (Adopted Seed rearers in Mulberry Seed Sector)
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.
11	Scheme specific guidelines (If any)	Assistance should be extended only to the Registered Seed Cocoon producers (Adopted Seed rearers in Mulberry Seed Sector). RSPs brushing a minimum of 100 dfls in the preceding year shall merit consideration for support under this component. To follow DBT guidelines

5. Setting up of incubation chambers for proper embryonic development and uniform Hatching



1	Name of the scheme	Setting up of incubation chambers for proper embryonic development and uniform Hatching				
2	Brief description of the scheme	The incubator maintains optimal temperature, humidity and other conditions such as the CO (CO ₂) and oxygen content of the atmosphere inside the chamber for proper embryonic development & uniform Hatching				
3	Benefits of the Scheme	Proper embryonic development & uniform Hatching				
4	Implementing agency	Registered Chawki Reares				
5	Unit Cost	Rs. 300000 to 600000				
6	Components under the package with cost (in Rs)	#	Items / Particulars	Unit	Unit price (Lakhs)	Unit cost applicable for all Zones (Lakhs)
		1	Incubation Chamber (for small scale Chawki rearer)	1	3	3.00
		2	Incubation Chamber* (3.5 KW) with humidifier (For large scale Chawki Rearer)	1	6.00	6.00
		*Width :2500mm.Depth: 2500mm & Height:2400mm				
7	Justification for Unit Cost	Assistance should be extended only to the Registered Chawki Rearers for distributing incubated eggs to sericulture farmers field				
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)				
9	Target Group	Assistance should be extended only to the Registered Chawki Rearers for distributing incubated eggs to sericulture farmers field				
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.				
11	Scheme specific guidelines (If any)	Assistance should be extended only to the Registered Chawki Rearers for distributing incubated eggs to sericulture farmers field To follow DBT guidelines				

6. Assistance to Adopted Private Graineurs (Tasar(s) & Muga)



1	Name of the scheme	Assistance to Adopted Private Graineurs (Tasar, Eri & Muga)
2	Brief description of the scheme	Unemployed tribal/ rural youth will be identified and trained on grainage technology to empower technical and managerial skills for production of commercial dfls as per the norms fixed by the Research Institutes of CSB.
3	Benefits of the Scheme	The private graineur activity will empower the tribal youth towards creation of village level micro-enterprise. Implementation of the scheme will arrest migration of rural youth to urban areas.
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states
5	Unit Cost	Rs.5,00,000/-

						(Rs)
#	Particulars	Unit	Quantity	Rate	Total	
A	Construction activities					
1	Construction of grainage building (35'x12' with 5' verandah) with water storage and drainage facility	Sq. ft.	480	580	278400	
	Sub-total (A)				278400	
B	Grainage Equipments					
1	Grainage Stand	No.	4	2500	10000	
2	Microscope with light arrangement	No.	2	7500	15000	
3	Egg laying boxes/ Nylon net bags	No.	3500	5	17500	
4	Egg laying cabinet	No.	1	8000	8000	
5	Wooden Moth Testing Table (5ft x 1.5ft)	No.	1	5000	5000	
6	Wooden Stools	No.	2	750	1500	
7	Plastic drum (60 ltr)	No.	1	1000	1000	
8	Plastic bucket (20 ltr.)	No.	5	250	1250	
9	Plastic tub (small-10 ltr)	No.	5	200	1000	
10	Plastic tub (big- 20 ltr)	No.	5	300	1500	
11	Plastic mug	No.	5	60	300	
12	Mortar & Pestle	No.	5	350	1750	
13	Measuring Cylinder (Plastic)	No.	1	500	500	
14	Weighing balance -Physical	No.	1	3000	3000	
15	Disinfection Mask	No.	2	600	1200	
16	GI Wire (2.5 mm)	kg	2	250	500	
17	Wet & Dry Thermometer	No.	1	500	500	
18	Max.-Min. Thermometer	No.	1	500	500	
19	Gattar sprayer	No.	1	7500	7500	
20	Misc	LS			2500	
	Sub-total (B)				80000	
C.	Consumables					
1	Formalin/ KOH/ Soap/Bleaching Powder	LS			800	
2	Blotting Paper, Muslin Cloth, Scissors	LS			1000	
3	Slides and cover slips	LS			800	
4	Lime	LS			450	
5	Soap & Detergent powder	LS			450	
	Sub-total (C)				3500	
D.	Moth Testers@ 10 mandays per operation	Man days	10	200	2000	
E.	Non Eroding Corpus fund for purchase of seed cocoons	No.	30000	3	90000	
F	Solar lantern	LS			5000	
G	Incentive @ Rs 6/- dfls for 6000 basic dfls		6000	6	36000	
H	Misc-Insurance of building/ equipments/ seed cocoons				5100	
	Sub-total (D+E+F+G+H)				138100	
	TOTAL				500000	
7	Justification for Unit Cost	Unit cost indicated above is maximum to each of the region including GST, transportation of building material, labour charges etc. Saving in any item may be used to other items in case procurement cost is higher than estimated.				

8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10(Special Status States)
9	Target Group	Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector. New entrepreneurs can also be considered on certain fixed criteria.
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> • The component shall be extended to the Registered Seed Producers (Private Graineurs) who have tie-up with seed rearers in isolated areas and also members registered under Seed Act. • It is mandatory to obtain training in cocoon processing, production of disease free layings and disease monitoring from BSM&TCs, MSSO State Units etc. • The Private Graineurs should provide an undertaking that the grainage activities will be continued at least for a five year period in form of an agreement with IA. • Implementing Agencies besides ensuring beneficiary share and credit mobilization shall monitor maintenance of working capital in non-erodable form for sustenance of the activity. IA shall also enter the details of assistance extended along with production particulars during each operation in the beneficiary pass book provided to them and dully certify each entry. • Procurement of grainage equipments shall be made as per technical specifications from reputed firms with AMC on rate contract for the entire plan period to avoid delay by constituting Purchase Committee at State/ District level, as the case may be. • Implementing Agencies shall meticulously follow the general guidelines of ISDSI while implementing the component. • Implementing agency shall provide list of empanelled Moth testers to the graineurs well in advance to avail their services. • The performance of Private Graineurs should be monitored by concerned BSMTCs, MSSO / State PPCs to ensure production of dfls as per norms fixed by CSB. • 1 No. Grainage Building (35' x 15'x10') with all side 5' verandah. Walls built of local brick and mortar with cemented floor and with Zinc sheet or thatched roofing. • Land for construction of the building will be of the beneficiary contribution • Separate provision of 5' x 12' for ovipositon, moth examination, egg washing, etc in the grainage building. • Capacity to preserve 30,000 seed cocoons and to produce 6000 dfls/ operation, each with dfl weight- 1gm. • Moth testers trained under structured trainings like Integrated Skill Development Scheme of CSB, Service Providers/ Community Resource Persons promoted by BTSSO, MSSO/ PPC to be empanelled. • Non eroding Corpus Fund to be maintained in Bank and used only for the purpose of purchase of seed cocoons. Cost of seed to be recovered from farmers and the amount equal to cost of seed to be deposited back in the Bank to maintain corpus fund. • The beneficiaries details should be furnished as per DBT norms.

7. Assistance for strengthening of Tasar seed multiplication infrastructure (Tropical / Temperate Tasar) – Establishment of Basic Seed Production Unit.



1	Name of the scheme	Assistance for strengthening of Tasar seed multiplication infrastructure (Tropical Tasar) – Establishment of Basic Seed Production Unit.
2	Brief description of the scheme	In order to meet the increasing demand for Tasar silkworm seed in the country, BTSSO, Central Silk Board had to shift its focus from production of Tasar basic seed to augmentation of nucleus seed.
3	Benefits of the Scheme	The State owned Pilot Project Centres (PPCs) will be strengthened to produce required quantity of basic tasar silkworm seed and become self sufficient.
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states
5	Unit Cost	Rs.60,00,000/-

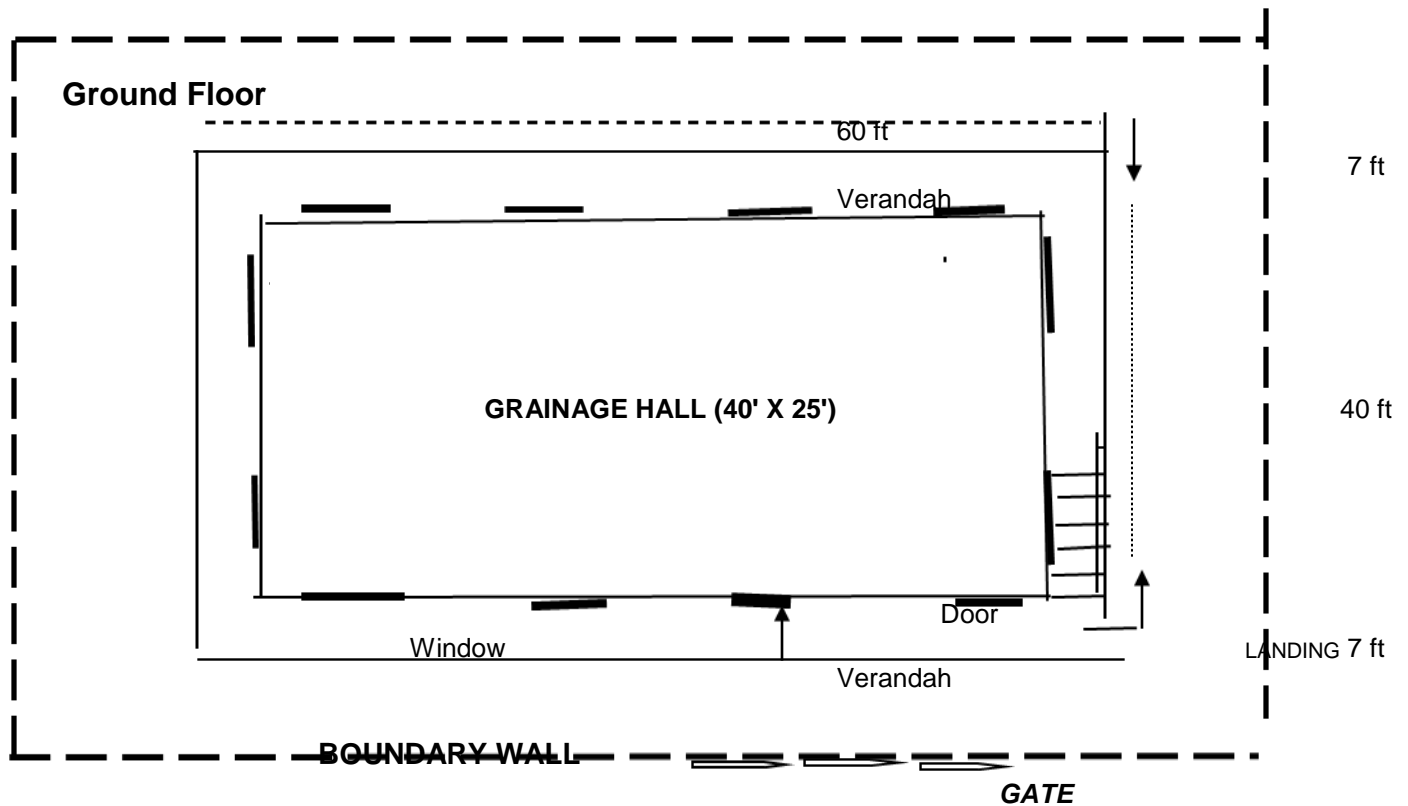
						(Rs.)	
		#	Particulars	Unit	Qty	Rate	Amount
6	Components under the package with cost (in Rs)	A.	Construction of grainage building & boundary wall				
		1	Compound wall	LS			260,000
			Construction of grainage building: ground floor - 2400 sq. ft @ Rs. 900 per sft.	Sq.ft.	2400	1,100	2,640,000
			Construction of grainage building: ground floor - around verandah	Running ft.	200	600	120,000
			Construction of grainage building: 1st floor - 1350 @ Rs. 800 per sft	Sq.ft.	1350	1,000	1,350,000
		2	Bore well digging, pipeline installation, toilets, septic tank, generator room etc.	LS			600,000
			Sub-total				4,970,000
		B.	Grainage Equipments				
		1	Microscope with light arrangement	No.	10	7,000	70,000
		2	Egg laying boxes	No.	15000	5	75,000
		3	Egg laying cabinet	No.	2	8,000	16,000
		4	Wooden Moth Testing Table (5 ft x 1.5ft.)	No.	5	5,000	25,000
		5	Wooden chair (with arms)	No.	10	1,000	10,000
		6	Gatar sprayer	No.	2	7,500	15,000
		7	Plastic drum (60 ltr)	No.	4	1,000	4,000
		8	Plastic bucket (20 ltr.)	No.	10	250	2,500
		9	Plastic tub (small-10 ltr)	No.	10	200	2,000
		10	Plastic tub (big- 20 ltr)	No.	20	300	6,000
		11	Mortar & Pestle	No.	100	350	35,000
		12	Measuring Cylinder (Plastic)	No.	4	500	2,000
13	Wet - Dry Thermometer	No.	2	500	1,000		
14	Electronic Weighing balance (2kg capacity)	No.	1	18,000	18,000		
15	Humidifier	No.	1	8,000	8,000		
16	Egg drying chamber	No.	1	6,000	6,000		
17	Centrifuge (R23)	No.	1	65,000	65,000		
18	Generator(5 K v)	No.	1	80,000	80,000		
19	Disinfection Mask	No.	6	600	3,600		
20	GI pipes for hanging cocoons	No.	15	1,200	18,000		

		21	Wet - Dry Thermometer	No.	3	500	1,500
		22	Max.-Min. Thermometer	No.	3	500	1,500
		23	Almirah	No.	1	7,000	7,000
		24	Office table	No.	1	5,000	5,000
			Sub-total				477,100
			C. Consumables & Non Eroding Corpus fund				
		1	One time assistance -Non Eroding Corpus fund (NECF)for purchahse of seed cocoons (1.5 lakh seed cocoons @ Rs 2/-) and other consumable costs	No.	15000 0	3	450,000
		2	Operational cost				
			Engaging moth tester	MD	40	200	8,000
			Engaging skilled workers	MD	180	250	45,000
			Khus-khus mats	Nos.	20	250	5,000
		3	Consumables				
			Glassware	LS			7,000
			Chemicals	LS			7,000
			Egg Box		2500	12	30,000
			Misc				900
			Sub-total				552,900
			TOTAL				6,000,000

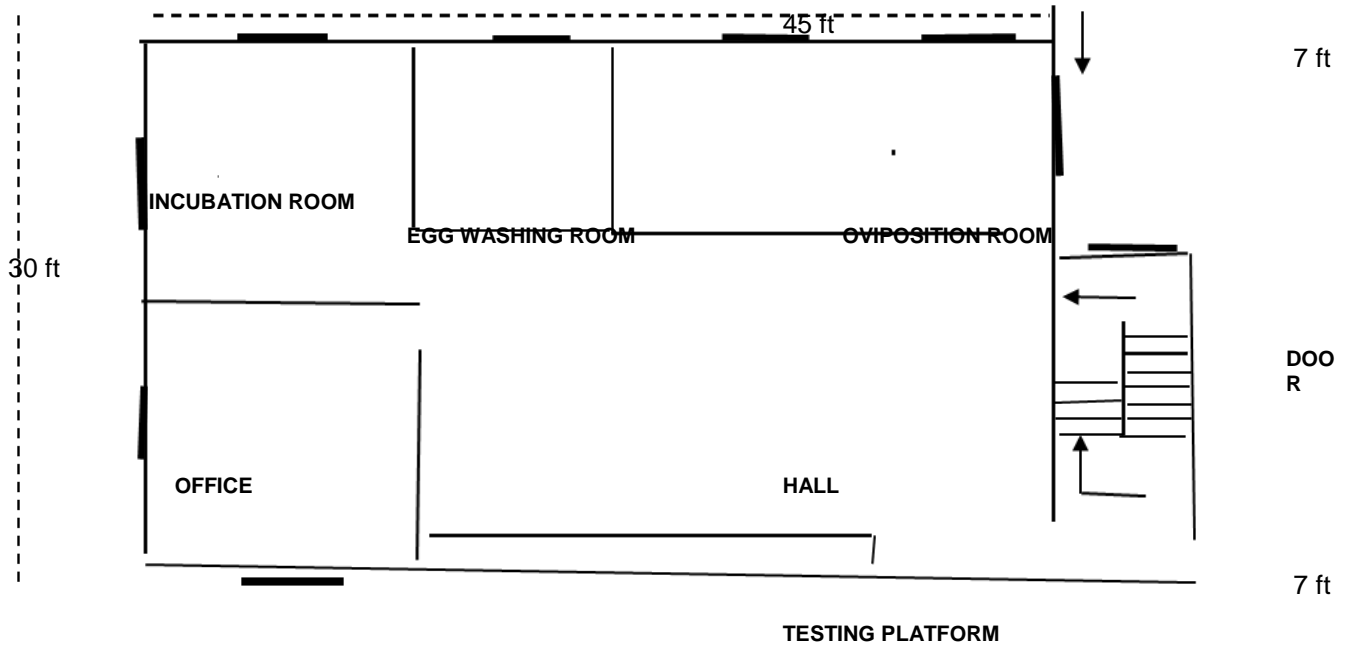
7	Justification for Unit Cost	<p>Unit cost indicated above is maximum to each of the region including GST, transportation of building material, labour charges etc. Saving in any item may be used to other items in case procurement cost is higher than estimated.</p> <p>It is proposed to promote establishment of basic seed production unit at a cost of Rs.60,00,000/- lakhs each towards construction of building and supply of grainage equipment, working capital and consumables with a capacity to preserve 1.50 lakh seed cocoons and produce 25,000 tasar basic seed with handholding from BSM&TCs under Central Sector Scheme.</p>
8	Sharing Pattern: General State Special Status State	<p>CSB : State : Beneficiary</p> <p>50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)</p>
9	Target Group	PPC/ DOS Seed Farms.
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> Implementing agency shall ensure proper linkages with registered nucleus & basic seed rearers and adhere to joint disease monitoring by CTR&TI/ BTSSO/ DOS in the area as per mandate. The Committee shall also record the operation-wise details of seed cocoons processed, dfls produced, disease incidence, crop performance etc. Working capital and operational costs shall be deposited in separate special savings account with arrangements to flow back the sale proceeds of basic seed and pierced cocoons to keep it non-erodable and make the

activity independent during subsequent years. IA shall carry out the activity for a minimum period of five years and also submit year-wise status of this fund.

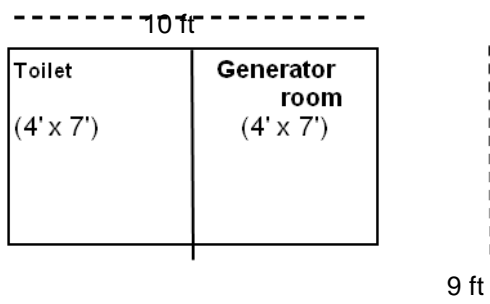
- Implementing agency shall undertake to furnish the performance report of the unit and work in accordance with the guidelines from BTSSO, Central Silk Board. IA shall decide on disease monitoring, source of supply of nucleus and supply of basic seed in consultation with BTSSO units in the State.
- Construction of grainage building: ground floor - 2400 sq. ft @ Rs. 950 per sft with alround verandah and 1st floor - 1350 sq. ft @ Rs.850 per sft along with bore well, pipeline, septic tank, generator room etc. with moulded brick, mortar and RCC roof.
- Separate provision for oviposition, moth examination, egg washing, office room etc.in the building
- Provision for storage of water, drainage of water, vacant space etc
- Capacity to preserve 1.5 lakh seed cocoons and to produce 25,000 dfls/ year
- Non eroding Corpus Fund to be maintained in Bank and used only for the purpose of purchase of seed cocoons. Cost of cocoons to be recoverd from Sale proceed of Seed and to be deposited back in the Bank.
- Non eroding Corpus Fund to be maintained in Bank and used only for the purpose of purchase of seed cocoons. Cost of seed to be charged from Farmers and amount equal to cost of seed cocoons to be deposited back in the Bank to maintain the corpus fund.
- The beneficiaries details should be furnished as per DBT norms.



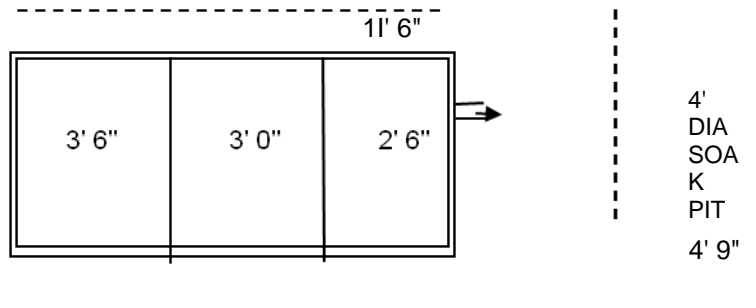
B. First Floor



ON GROUND FLOOR



TOILET & GENERATOR ROOM



SEPTIC TANK AND SOAK PIT

8. Assistance to Adopted Vanya Seed Rearers for development/ maintenance of Chawki garden



1	Name of the scheme	Assistance to Adopted Vanya Seed Rearers for development/ maintenance of Chawki garden (Spacing- 1.8m x 1.8m [310 plants])					
2	Brief description of the scheme	Assistance to Adopted Seed Rearers for development of chawki garden – It is proposed to assist Vanya seed rearers to establish chawki gardens					
3	Benefits of the Scheme	This will facilitate young age rearing in chawki gardens followed by late age rearing in grown up trees. BTSSO units shall support the beneficiary with supply of seedlings, cost for chawki plantation development, inputs, etc.,					
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states					
5	Unit Cost	Rs.7500/-					
6	Components under the package with cost (in Rs)	(Rs)					
		#	Particulars	Unit	Quantity	Rate	Total
		1	Cost of Asan and Arjuna seedlings including 10% mortality	No.	340	4	1360
		2	Soil conservation				
			Staggered trench (6ft x2ft x 2ft)	No.	28	44	1232
		3	Pit digging (1.5ftx1.5ftx1ft)	No.	310	5.00	1550
		4	Cost of vermicompost @ 400 gm/ plant	Kg	124	5.00	620
		5	Anti-termite treatment	LS			300
		6	Transplantation of seedling	No.	310	2.00	620
		7	Basin formation and weeding	No.	310	1.50	465
		8	Fertilizer (75:25:25kg NPK/ Ha/ yr)	Kg	25	18	450
		9	Spayring neem based insecticides and Leaf Surface Microflora (LSM)	LS			600
		10	Misc (seedling Transportaion, etc)				303
			Sub-Total				7500

7	Justification	Unit cost indicated above is maximum to each of the region including GST, transportation of building material, labour charges etc. Saving in any item may be used to other items in case procurement cost is higher than estimated.
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)
9	Target Group	Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector. New entrepreneurs can also be considered on certain fixed criteria.
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> • Registered Tasar seed rearers willing to take up 200 dfls rearing of nucleus and basic seed to supply seed cocoons to PPCs/ BSM&TCs/ Basic Seed Production Units, for a minimum period of three years shall be assisted. IA shall ensure entering into agreement to this effect. Details of assistance extended and crop details need to be entered in to the beneficiary passbook provided by IA. • Commercial rearers with 1.0 Ha. block plantation of Tasar host flora and rearing capacity of 400 dfls are eligible to receive all assistance except the cost of tasar silkworm dfls, which will be given only to seed rearers. However, the priority will be for seed rearers who have backward and forward linkages for production of basic or commercial seed. • Beneficiary share will be mostly met through supply of locally available material like bamboo and labour component. • Implementing agency may arrange to supply a sprayer for a group of 10 Tasar rearers or provide hiring charges of sprayer, at individual level. IA shall also ensure beneficiaries continue the activity atleast for a period of three years besides devising operational modalities for using common assets like sprayer etc. • IA shall meticulously follow the relevant points of general guidelines of ISDSI while implementing the component. • Care shall be taken for technology inputs as per recommendations of CTR&TI, Ranchi. • Technical Specification/ norm • Chawki garden with 310 plants (spacing of 1.8m x 1.8m) to take care of chawki rearing in natural host flora or other block plantation • Provision of additional 10% seedlings has been kept towards mortality while transplanting • To support Chawki Rearing of 200 dfls. • The beneficiaries details should be furnished as per DBT norms.

9. Assistance to Adopted Seed Rearers for maintenance of existing Tasar plantation



1	Name of the scheme	Assistance to Adopted Seed Rearers for maintenance of existing Tasar plantation					
2	Brief description of the scheme	In order to improve the foliage quality and productivity of existing tasar plantation, it is proposed to support the seed rearers.					
3	Benefits of the Scheme	Assistance to tasar seed rearers subject to undertaking from them that they will take up seed crop rearing and supply the seed cocoons to BSM&TCs and the Private Graineurs adopted by BSM&TC / PPCs for production of seed.					
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states					
5	Unit Cost	Rs.20,000 per rearer					
6	Components under the package with cost (in Rs)					(Rs.)	
		#	Particulars	Unit	Quantity	Rate	Total
		1	Soil conservation	lumpsu m			4100
		2	Vermicompost @ 200 gm/ plant	Kg	740	7.00	3470
		3	Anti-termite/ anti-fungal treatment	lumpsu m			500
		4	Cost & spraying of neem based insecticide & Leaf Surface Microbes	lumpsu m			1000
		5	Fertilizer (N:P:K-75:25:25 kg/ha.)	kg	125	24	6000
		6	Application of vermicompost & fertilisers	MD	6	205	1230
		7	Basin formation and weeding	No.	1852	2.00	3704
			Total				20004
					say 20000		
7	Justification	Unit cost indicated above is maximum to each of the region including GST, transportation of building material, labour charges etc. Saving in any item may be used to other items in case procurement cost is higher than estimated.					
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)					

9	Target Group	Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector.
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> • Registered Tasar seed rearers willing to take up 200 dfls rearing of nucleus and basic seed to supply seed cocoons to PPCs/ BSM&TCs/ Basic Seed Production Units, for a minimum period of three years shall be assisted. IA shall ensure entering into agreement to this effect. Details of assistance extended and crop details need to be entered in to the beneficiary passbook provided by IA. • Commercial rearers with 1.0 Ha. block plantation of Tasar host flora and rearing capacity of 400 dfls are eligible to receive all assistance except the cost of tasar silkworm dfls, which will be given only to seed rearers. However, the priority will be for seed rearers who have backward and forward linkages for production of basic or commercial seed. • Beneficiary share will be mostly met through supply of locally available material like bamboo and labour component. • Implementing agency may arrange to supply a sprayer for a group of 10 Tasar rearers or provide hiring charges of sprayer, at individual level. IA shall also ensure beneficiaries continue the activity atleast for a period of three years besides devising operational modalities for using common assets like sprayer etc. • IA shall meticulously follow the relevant points of general guidelines of ISDSI while implementing the component. Care shall be taken for technology inputs as per recommendations of CTR&TI, Ranchi. • The beneficiaries details should be furnished as per DBT norms.

10. Assistance for Tropical Tasar Seed Rearers



1	Name of the scheme	Assistance for Tropical Tasar Seed Rearers					
2	Brief description of the scheme	In order to improve the seed cocoon productivity of existing tasar seed rearers who are willing to take up rearing of nucleus and basic seed of 200 dfls for supply of seed cocoons to PPCs / BSM&TCs/Basic Seed Production units.					
3	Benefits of the Scheme	Assistance for equipment and appliances is proposed with a unit cost of Rs.25,000 per rearer for ensuring successful seed crops.					
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states					
5	Unit Cost	Rs.25,000 per					
6	Components under the package with cost (in Rs)					(Rs.)	
		#	Particulars	Unit	Quantity	Rate	Total
		A	Rearing Equipment				
		1	Secature/ Looping Shear	No.	2	500	1000
		2	Gattor sprayer	No.	1	7500	7500
		3	Nylon net (40'x30'x10')	No.	2	4000	8000
		4	Bamboos	No.	24	110	2640
			Sub-total				19140
		B	Tasar Silkworm Rearing				
		1	Cost of Tasar silkworm dfls	No.	200	12	2400
		2	Slaked Lime	kg	50	15	750
		3	Bleaching Powder	kg	10	35	350
		4	Sodium Hypo chloride	kg	1	150	150
		5	Jeevansudha	lumpsum			500
6	Spraying of Sodium Hypo chloride/ Jeevan Sudha	lumpsum			800		
7	Misc	lumpsum			910		
	Sub-total				5860		

		TOTAL				25000
7	Justification	Unit cost indicated above is maximum to each of the region including GST, transportation of building material, labour charges etc. Saving in any item may be used to other items in case procurement cost is higher than estimated.				
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)				
9	Target Group	Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector. New entrepreneurs can also be considered on certain fixed criteria.				
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.				
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> • Registered Tasar seed rearers willing to take up 200 dfls rearing of nucleus and basic seed to supply seed cocoons to PPCs/ BSM&TCs/ Basic Seed Production Units, for a minimum period of three years shall be assisted. IA shall ensure entering into agreement to this effect. Details of assistance extended and crop details need to be entered in to the beneficiary passbook provided by IA. • Commercial rearers with 1.0 Ha. block plantation of Tasar host flora and rearing capacity of 400 dfls are eligible to receive all assistance except the cost of tasar silkworm dfls, which will be given only to seed rearers. However, the priority will be for seed rearers who have backward and forward linkages for production of basic or commercial seed. • Beneficiary share will be mostly met through supply of locally available material like bamboo and labour component. • Implementing agency may arrange to supply a sprayer for a group of 10 Tasar rearers or provide hiring charges of sprayer, at individual level. IA shall also ensure beneficiaries continue the activity atleast for a period of three years besides devising operational modalities for using common assets like sprayer etc. • IA shall meticulously follow the relevant points of general guidelines of ISDSI while implementing the component. • Care shall be taken for technology inputs as per recommendations of CTR&TI, Ranchi. • The beneficiaries details should be furnished as per DBT norms. 				

11. Disinfectants support to Adopted Seed Rearers



1	Name of the scheme	Disinfectants support to Adopted Seed Rearers					
2	Brief description of the scheme	Disinfection is an integral part of healthy and successful silkworm rearing. It aims at total elimination of disease causing pathogens. Silkworms are infected by several disease caused by bacteria, virus, fungi and protozoa.					
3	Benefits of the Scheme	The component is proposed to be implemented for Adopted Seed Farmers and Commercial seed rearers at a unit cost of Rs.2,500 per farmer.					
4	Implementing agency	DoS s & its Sub units in association with CSB Units of respective states					
5	Unit Cost	Rs.2,500 per farmer.					
6	Components under the package with cost (in Rs)						(Rs.)
		#	Particulars	Unit	Quantity	Rate	Total
		1	Slaked Lime	kg	100	15	1500
		2	Bleaching Powder	kg	10	35	350
		3	Sodium Hypo chloride	kg	1	150	150
		4	Jeevansudha	lumpsum			500
	TOTAL					2500	
7	Justification	Unit cost indicated above is maximum to each of the region including GST, transportation of building material, labour charges etc. Saving in any item may be used to other items in case procurement cost is higher than estimated.					
8	Sharing Pattern: General State Special Status State	CSB : State : Beneficiary 50:25:25 (Others); 65:25:10 (SC/ST) 80:10:10 (Special Status States)					
9	Target Group	Individual/Company/Society/SPV/NGOs. Entrepreneurs preferably engaged in Silk Sector.					
10	Technical & Training Support	Provided by CSB Institutes or its sub units / Concerned State Dept.					
11	Scheme specific guidelines (If any)	<ul style="list-style-type: none"> Provisions are made to disinfect the field for 2 seed crops to brush 200 dfls/crop in view of more care required in case of seed rearing Farmers to be linked with Door to Door Service Agents for supply of disinfectants and chemical and services for disinfection of plantation/ fields. The beneficiaries details should be furnished as per DBT norms. 					