


ABSTRACT		
Sl. No	Name of Work	Amount (in Rs)
1	Cost of Nursery	18,700
2	Planting Cost	75,848
3	1st year maintenance	51,425
4	2nd year maintenance	47,583
5	3rd year Maintenance	45,387
6	4th year Maintenance	53,147
7	5th year maintenance	51,376
8	6th year maintenance	64,308
9	7th year maintenance	9,431
10	8th year maintenance	8,252
11	9th year maintenance	9,985
12	10th year maintenance	15,691
	Total	4,51,132


 District Forest Officer,
 Nilgiris Forest Division,
 Udthagamandalam.



Estimate for Raising Shola Nursery for planting in Kattubettu Range of Nilgiris Forest Division during the year 2023-2024

Size of Polybags : 30x45 cm

No of Seedlings 100 Nos

10% Casualities 10 Nos

Period of Nursery: 10 Months

Wages Rate - 2022-2023 : Rs.488.25

SL. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
NURSERY OPERATIONS FOR 13x25cm							
1	110 Nos	Cost of 13x25cmx250G polybags	As per lowest Quotatio		1500	1000	165
2	26.4 M2	Preparation of Nursery site by Clearing and levelling the site for forming standard bed of size 10mx1m	4.1	2.42	1181.57	200	156
3	1 kg	Cost of Seeds	LR		1000	1	1000
4	1.056 Cu.m	Formation of germination beds of size 10x1x3 m	PWD SSR item 62		96.60	1	102
5	1.0 Beds	Watering the Germination Beds twice daily with rose can (15days)	4.5.1	0.82	400.37	10 beds / day	601
6	1.0 Beds	Watering the germination beds once daily with rose can (15days)	4.5.2	0.41	200.18	10 beds / day	300
7	0.143 Cu.m	Collection and supply of sand silt and red soil according the requirement of prepartion of soil mixture 4/5th of total volume		MTP Motel Estim ate	950	Cu.m	136
8	0.036 Cu.m	Collection and supply of farm yard manure filling bags 1/5th of total volume	LR	MTP Motel Estim ate	950.00	Cu.m	34
9	110 Nos	Preparation of soil mixture by breaking clods,seiving, mixing fertile earth (including redsoil, silt and sand according to requiements) and farmyard manure in the reation of 3.1.heaping at the filling site and filling in poly bags arranging bags in beds and pricking out the seedlings	4.6.4	4.48	2187.36	1000	241

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
10	110	Nos	Watering the container plants twice daily with rose can 13x25 cm (15days)	4.10.4	0.23	112.30	1000	185
11	110	Nos	Watering the container plants once in daily with rose can 13x25 cm (30days)	4.11.4	0.115	56.15	1000	185
12	110	Nos	Nursery protection mazdoor 1 Nos 100000 Nos of 13x25 cm bags - 45days	wages rate		488.25	10000 O/M	24
PART II - Bigger size bags : 30x45cmx600g								
13	110	Nos	Cost of 30x45cmx600G polybags	Local Rate		7000	1000	770
14	1.48	M3	Collection and supply of sand silt and red soil according the requirement of prepartion of soil misture 4/5th of total volume (excluding volume of 13 x 25 cm bags)	MTP ME		950	M3	1404
15	0.37	M3	Cost of transport of Farmyard manure for filling bags 1/5th of total volume (excluding volume of 10x20 bags)	MTP ME		950	M3	351
16	110	Nos	Preparation of soil mixture by breaking clods,seiving, mixing fertile earth (including redsoil, silt and sand according to requiements) and farmyard manure in the reation of 4:1.heaping at the filling site and filling in poly bags 30x45cm arranging bags in beds and pricking out the seedling (excluding cost of soil mixture and FYM)	4.6.7	28.57	13949.30	1000	1534
17	1.00	Maz	Labour cost of transplanting seedlings from 13x25 cm container bags into 30x45 cm containers 10maz/1000	FSR-2022-2023		488.25	each	488
18	3.70	Kg	Cost of Vermicasting @ 30gm / container			10.00	each	37
19	2.00	Kg	Cost of Vam@15gm/container			18.00	each	36
20	1.00	Kg	Cost of Azosphirillum @ 6gm/ container			27.00	each	27

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
21	1.00	Kg	Cost of phosphobacteria @ 6gm/ container	NHAI ME		27.00	each	27
22	110	Nos	Cost of vertical strick of size 2.50 mts			13.00	Each	1430
23	70	Mtrs	Cost of Horizontal strick			3.00	Mtrs	210
24	110	Nos	Tying plants to vertical stick one in a month 2times			0.40	Each/ time	88
			Watering the container plants with rose can watering regime approved PCCF's Ref.No.J1/57395/2003, dt:12.12.2003					
25	110		Twice daily - 60days	4.10.7	0.56	273.42	1000	1805
26	110		Once daily - 210 days	4.10.7	0.28	136.71	1000	3158
27	110		Shifting the container plants weedling grading and replacement of casualties in the bags -shifting to done once in 21dyas, 1shiting not before 45days after pricking out - 12 shifts	4.15.7	2.69	1313.39	1000	1734
28	110	Nos	Nursery protection mazdoors 1 No /100000 Nos of 30 x 45 cm bags - 522 days	FSR 2022-2023		488.25	20000/M	280
			GST 18% (Item No.1, 13)					158
29	LS		Contingencies for application of pesticides etc., and unforeseen intems if any					332
TOTAL								17000

Rate calculated for 2022-2023

17000


Add annual 10% escalation 2023-2024

1699.96

Rate for 2023-2024

18700

Rs.187/- per seedling


District Forest Officer,
Nilgiris Forest Division,
Udhagamandalam.

**ESTIMATE FOR PLANTING SHOLA PLANTATION IN KATTABETTU
RANGE OF NILGIRIS FOREST DIVISION DURING 2024-2025**

Size of Polybags : 30x45 cm

No of Seedlings 100 Nos


Casualty Replacement 10 Nos

Wages Rate - 2022-2023 : Rs.488.25

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	1	Ha	Removal of invasive species and other jungle Heavy growth	12.1.1		48825	ha	48825
1	100	Nos	Digging of 60cm ³ pits in hard gravelly soil during non rainy season	as per based on FSR 5.8.1	9.26	4521.2	100 Nos	4521
2	1.72	cum	Cost and transport of farmyard manure each plant (0.25x0.25x0.25=0.015625x1000= 15.625 m3)	Local rate		1000	1 M3	1718
5	110	Nos	Transport of polithin container seedlings (30 x 45 cm) by head load in the places where approach road not available up to a distance of 0.5 km	FSR Item No 5.13.2		16600.00	1000	1826
6	110	Nos	Loading & Unloading the Container plants charges	5.11.7	3.29	1606.34	1000 Nos	177
			Distribution of saplings from where seedlings are stocked to the planting spot upto 100mts.					
7	45	Nos	Upto 100 m	5.15.1	10	4882.50	1000 Nos	220
8	65	Nos	Upto 200 m	5.15.2	17.5	8544.38	1000 Nos	555
9	100	Nos	Planting the Container plants by refilling pits of size 60 cm ³	as per based on FSR 5.22		834.91	100 Nos	835
11	10	Nos	Replacement of casualties by reopening failed pits and planting the saplings (1/2 pitting rate + full planting rate)	5.23	3.11	2260.60	100 Nos	226

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
12	100	Nos	Scrapping for 1 m dia and soil working 15 cm depth around each plants and removing the grass roots away from the site of upturning the soil - 2 times	5.24	1.23	600.55	100 Nos	601
13	100	Nos	Forming catch water drains for each plant in plains 90 cm x 45 cm x 30 cm size in hard gravelly soil	5.26	6.84	3339.63	100 Nos	3340
15	12000	Ltrs	Cost of water @ 10 liter per seedlings 15 watering days (10x100x12=12000Ltrs)	As per ME		1200.00	6000 Ltrs	2400
16	100	Nos	Watering the plants once in 6 days during non rainy period (from Dec to March) 200 Plants per mazdoor (70 Mazdoor)	FSR 2022-2023		488.25	200 Nos	244
17	LS		Contingencies for application of pesticides etc. and unforeseen items if any					365
TOTAL								65853

Rate calculated for	2022-23	Rs	65853
Add 10% escalation for	2023-24	Rs	6585
Add 10% escalation for	2024-25	Rs	3410
Rate for 2024-2025			75848
Rate per seedling		Rs	758/-


 District Forest Officer,
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Estimate for 1st Year Maintenance in Shola plantation raised during 2024-2025 in Nilgiris Forest Division during - 2025-2026

Size of Polybags : 30x45 cm
 Replacement of Casualties : 20%
 Wages Rate - 2022-2023 : Rs.488.25

Sl. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	20 Nos	Cost of Taller seedlings			187.00	1 No	3740
2	20 Nos	Transport of polythin container seedlings (30 x 45 cm) by head load in the places where approach road not available up to a distance of 0.5 km	FSR 5.13.2		16600.50	1000	332
3	20 Nos	Loading & Unloading the Container plants charges	5.11.7	3.29	1606.34	1000 Nos	32
4		Distribution of saplings from where seedlings are stocked to the planting spot upto 100mts.					
a	20 Nos	Upto 100mt	5.15.1	10	4882.50	1000 Nos	98
5	20 Nos	Replacement of casualties by reopening failed pits and planting the saplings (1/2 pitting rate + full planting rate)	5.23	3.11	2425.60	100 Nos	485
6	100 Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	MTP ME		0.70	each	140
7	100 Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	MTP ME		47.00	each	1316
8	100 Nos	Scrapping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24		600.55	100 Nos	601
9	100 Nos	Watering the plants once in 6 days during summer season April to Sept and Jan to Mar (45 days)			488.25	200 Nos	10986

10	120000	Ltrs	Cost of water @ 10 liter per seedling 120 watering days (10x100x120)	As per ME		1200.00	6000 Ltrs	24000
11	100	Nos	Pruning side branches once in a year @ 100 saplings per mazdoor	LR	-	488.25	1 No / 100 seedlin gs	488
12	LS		Contingencies for application of pesticides etc. and unforeseen items if any					283
TOTAL								42500

Rate calculated for	2022-23	Rs	42500
Add 10% escalation for	2023-24	Rs	4250
Add 10% escalation for	2024-25	Rs	4675
Add 10% escalation for	2025-26	Rs	5143
Rate for 2025-2026			51425
Rate per seedling		Rs	514/-


District Forest Officer,
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Udhagamandalam.

Estimate for 2st Year Maintenance in Shola plantation raised during 2023-2024 in Nilgiris Forest Division during - 2026-2027

Size of Polybags : 30x45 cm


Replacement of Casualties : 15%

Wages Rate - 2022-2023 : Rs.488.25

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	15	Nos	Cost of Taller seedlings			187.00	1 No	2805
2	15	Nos	Transport of polithin container seedlings (30 x 45 cm) by head load in the places where approach road not available up to a distance of 0.5 km	FSR 5.13.2		16600.50	1000 No	249
3	15	Nos	Loading & Unloading the Container plants charges	5.11.7	3.29	1606.34	1000 Nos	24
4			Distribution of saplings from where seedlings are stocked to the planting spot upto 100 meters.					
a	15	Nos	Upto 100 m	5.15.1	10	4882.50	1000 Nos	73
5	15	Nos	Replacement of casualties by reopening failed pits and planting the saplings (1/2 pitting rate + full planting rate)	5.23	3.11	2425.60	100 Nos	364
6	100	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	MTP ME		0.70	each	140
7	100	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	MTP ME		47.00	each	1316
8	100	Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24		600.55	100 Nos	601

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
9	100	Nos	Watering the plants once in 6 days during winter, drought and summer season - December to March (70 Mazdoor)			488.25	200 Nos	1465
10	120000	Ltrs	Cost of water @ 10 liter per seedling 120 watering days (10x100x120)	As per ME		1200.00	6000 Ltrs	24000
11	100	Nos	Pruning side branches twice in a year	LR		488.25	1 No / 100 seedlings	977
12	LS		Contingencies for cost and application of pesticides etc. and unforeseen items if any					487
TOTAL								32500

Rate calculated for	2022-23	Rs	32500
Add 10% escalation for	2023-24	Rs	3250
Add 10% escalation for	2024-25	Rs	3575
Add 10% escalation for	2025-26	Rs	3932
Add 10% escalation for	2026-27	Rs	4326
Rate for 2026-2027			47583
Rate per seedling		Rs	476/-


 District Forest Officer,
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**Estimate for 3rd Year Maintenance in Shola plantation raised during
2023-2024 in Nilgiris Forest Division during - 2027-2028**

Size of Polybags : 30x45 cm

Replacement of Casualties : 10%

Wages Rate - 2022-2023 : Rs. 488.25

SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	10	Nos	Cost of Taller seedlings			187.00	1 No	1870
2	10	Nos	Transport of polithin container seedlings (30 x 45 cm) by head load in the places where approach road not available up to a distance of 0.5 km	FSR 5.13.2		16600.50	1000 Nos	166
3	10	Nos	Loading & Unloading the Container plants charges	5.11.7	3.29	1606.34	1000 Nos	16
4			Distribution of saplings from where seedlings are stocked to the planting spot upto 100 meters.					
a	10	Nos	Upto 100 m	5.15.1	10	4882.50	1000 Nos	49
5	10	Nos	Replacement of casualties by reopening failed pits and planting the saplings (1/2 pitting rate + full planting rate)	5.23	3.11	2425.60	100 Nos	243
6	100	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	MTP ME		0.70	each	140
7	100	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	MTP ME		47.00	each	1316
8	100	Nos	Scraping for 1 m dia and soil working 15 cm depth around each plants and removing the grass roots away from the site of upturning the soil - 2 times	5.24		600.55	100 Nos	601

SI. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
9	100	Nos	Watering the plants once in 6 days during winter, drought and summer season - December to March (70 Mazdoor)	FSR 2022-23		488.25	200 Nos	1465
10	120000	Ltrs	Cost of water @ 10 liter per seedling 120 watering days (10x100x120)	As per ME		1200.00	6000 Ltrs	24000
11	100	Nos	Pruning side branches twice in a year (18 Mazdoor)	LR		488.25	1 No / 100 seedlings	977
12	LS		Contingencies for application of pesticides etc. and unforeseen items if any					159
TOTAL								31000

Rate calculated for	2022-23	Rs	31000
Add 10% escalation for	2023-24	Rs	3100
Add 10% escalation for	2024-25	Rs	3410
Add 10% escalation for	2025-26	Rs	3751
Add 10% escalation for	2026-27	Rs	4126
Add 10% escalation for	2027-28	Rs	4539
Rate for 2027-2028			45387
Rate per seedling		Rs	454/-


 District Forest Officer,
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 Udthagamandalam.

**Estimate for 4th Year Maintenance in Shola plantation raised during
2023-2024 in Nilgiris Forest Division during - 2028-2029**

Size of Polybags : 30x45 cm


Replacement of Casualties : 5%

Wages Rate - 2022-2023 : Rs.488.25

Sl. No	Qty	Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	5 Nos	Cost of Taller seedlings			187.00	1 No	935
2	5 Nos	Transport of polithin container seedlings (30 x 45 cm) by head load in the places where approach road not available up to a distance of 0.5 km	FSR 5.13.2		16600.50	1000 Nos	83
3	5 Nos	Loading & Unloading the Container plants charges	5.11.7	3.29	1606.34	1000 Nos	8
4		Distribution of saplings from where seedlings are stocked to the planting spot upto 100 meters.					
a	5 Nos	Upto 100 m	5.15.1	10	4882.50	1000 Nos	24
5	5 Nos	Replacement of casualties by reopening failed pits and planting the saplings (1/2 pitting rate + full planting rate)	5.23	3.11	2425.60	100 Nos	121
6	100 Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	MTP ME		0.70	each	140
7	100 Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	MTP ME		47.00	each	1316
8	100 Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24		600.50	100 Nos	601
9	100 Nos	Watering the plants once in 6 days during winter, drought and summer season - December to March (70 Mazdoor)	FSR 2022-23		488.25	200 Nos	1465

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
10	120000	Ltrs	Cost of water @ 10 liter per seedling 120 watering days (10x100x120)	As per ME		1200.00	6000 Ltrs	24000
11	100	Nos	Pruning side branches twice in a year (18 Mazdoor)	LR		488.25	1 No / 75 seedlings	1302
12		LS	Contingencies for application of pesticides etc. and unforeseen items if any					5.00
TOTAL								30000

Rate calculated for	2022-23	Rs	30000
Add 10% escalation for	2023-24	Rs	3000
Add 10% escalation for	2024-25	Rs	3300
Add 10% escalation for	2025-26	Rs	3630
Add 10% escalation for	2026-27	Rs	3993
Add 10% escalation for	2027-28	Rs	4392
Add 10% escalation for	2028-29	Rs	4832
Rate for 2028-2029			53147
Rate per seedling		Rs	531/-



 District Forest Officer,
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 Udthagamandalam.

**Estimate for 5th Year Maintenance in Shola plantation raised during
2023-2024 in Nilgiris Forest Division during - 2029-2030**

Size of Polybags : 30x45 cm
Replacement of Casualties : 5%
Wages Rate - 2022-2023 : Rs.488.25

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	100	Nos	Scrapping for 1 m dia and soil working 15 cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24	1.23	600.55	100 Nos	601
2	100	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	MTP ME		0.70	each	140
3	100	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2 times)	MTP ME		47.00	each	1316
4	100	Nos	Watering the plants once in 6 days during winter, drought and summer season - December to March (70 Mazdoor)	FSR 2022-23		488.25	200 Nos	1465
5	120000	Ltrs	Cost of water @ 10 liter per seedling 120 watering days (10x100x120)	As per ME		1200.00	6000 Ltrs	24000
6	100	Nos	Pruning side branches twice in a year (18 Mazdoor)	LR		488.25	1 No / 75 seedlings	1302
7	LS		Contingencies for application of pesticides etc. and unforeseen items if any					177
TOTAL								29000

Rate calculated for	2022-23	Rs	29000
Add 10% escalation for	2023-24	Rs	2900
Add 10% escalation for	2024-25	Rs	3190
Add 10% escalation for	2025-26	Rs	3509
Add 10% escalation for	2026-27	Rs	3860
Add 10% escalation for	2027-28	Rs	4246
Add 10% escalation for	2028-29	Rs	4671
Add 10% escalation for	2029-30	Rs	5138
Rate for 2029-2030			51376
Rate per seedling		Rs	514/-


District Forest Officer,
Nilgiris Forest Division,
Udhagamandalam.

Estimate for 6th Year Maintenance in Shola plantation raised during 2023-2024 in Nilgiris Forest Division during - 2030-2031


Size of Polybags : 30x45 cm

Wages Rate - 2022-2023

: Rs.488.25

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	100	Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24	1.23	600.55	100 Nos	601
2	100	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	MTP ME		0.70	each	140
3	100	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2times)	MTP ME		47.00	each	1316
4	100	Nos	Watering the plants once in 6 days during winter, drought and summer season - December to March	FSR 2022-23		488.25	200 Nos	1465
5	120000	Ltrs	Cost of water @ 10 liter per seedling 120 watering days (10x100x120x6)	As per ME		1200.00	6000 Ltrs	24000
6	100	Nos	Pruning side branches twice in a year (18 Mazdoor)	LR		488.25	1 No / 75 seedlings	1302
7	LS		Contingencies for application of pesticides etc. and unforeseen items if any					1177
TOTAL								30000

Rate calculated for	2022-23	Rs	30000
Add 10% escalation for	2023-24	Rs	3000
Add 10% escalation for	2024-25	Rs	3300
Add 10% escalation for	2025-26	Rs	3630
Add 10% escalation for	2026-27	Rs	3993
Add 10% escalation for	2027-28	Rs	4392
Add 10% escalation for	2028-29	Rs	4832
Add 10% escalation for	2029-30	Rs	5315
Add 10% escalation for	2030-31	Rs	5846
Rate for 2030-2031			64308
Rate per seedling		Rs	643/-


 District Forest Officer,
 Nilgiris Forest Division,
 Udthagamandalam.


**Estimate for 7th Year Maintenance in Shola plantation raised during
2023-2024 in Nilgiris Forest Division during - 2031-2032**

Size of Polybags : 30x45 cm

Wages Rate - 2022-
2023 : Rs.488.25

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	100	Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24	1.23	600.55	100 Nos	601
2	100	Kgs	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	MTP ME		0.70	each	140
3	100	Kgs	Cost of DAP including application charges (per seedling 0.020 mg) (2times)	MTP ME		47.00	each	1316
4	100	Nos	Pruning side branches twice in a year (18 Mazdoor)	LR		488.25	1 No / 75 seedlings	1302
5	LS		Contingencies for application of pesticides etc. and unforeseen items if any					641
TOTAL								4000

Rate calculated for	2022-23	Rs	4000
Add 10% escalation for	2023-24	Rs	400
Add 10% escalation for	2024-25	Rs	440
Add 10% escalation for	2025-26	Rs	484
Add 10% escalation for	2026-27	Rs	532
Add 10% escalation for	2027-28	Rs	586
Add 10% escalation for	2028-29	Rs	644
Add 10% escalation for	2029-30	Rs	709
Add 10% escalation for	2030-31	Rs	779
Add 10% escalation for	2031-32	Rs	857
Rate for 2031-2032			9431
Rate per seedling		Rs	94/-


 District Forest Officer,
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 Udhagamandalam.

**Estimate for 8th Year Maintenance in Shola plantation raised during
2023-2024 in Nilgiris Forest Division during - 2033-2034**

Size of Polybags : 30x45 cm

Wages Rate - 2022-
2023 : Rs.488.25

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	100	Nos	Scrapping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24	1.23	600.55	100 Nos	601
2	100	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	MTP ME		0.70	each	140
3	100	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2times)	MTP ME		47.00	each	1316
4	100	Nos	Pruning side branches twice in a year (18 Mazdoor)	LR		488.25	1 No / 75 seedlings	1302
5	LS		Contingencies for application of pesticides etc. and unforeseen items if any					141
TOTAL								3500

Rate calculated for	2022-23	Rs	3500
Add 10% escalation for	2023-24	Rs	350
Add 10% escalation for	2024-25	Rs	385
Add 10% escalation for	2025-26	Rs	423
Add 10% escalation for	2026-27	Rs	466
Add 10% escalation for	2027-28	Rs	512
Add 10% escalation for	2028-29	Rs	564
Add 10% escalation for	2029-30	Rs	620
Add 10% escalation for	2030-31	Rs	682
Add 10% escalation for	2031-32	Rs	750
Add 10% escalation for	2032-33	Rs	825
Rate for 2032-2033			8252
Rate per seedling		Rs	82/-


 District Forest Officer,
 Nilgiris Forest Division,
 Udhagamandalam.

**Estimate for 9th Year Maintenance in Shola plantation raised during
2023-2024 in Nilgiris Forest Division during - 2033-2034**

Size of Polybags : 30x45 cm

**Wages Rate -
2022-2023 : Rs.488.25**

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	100	Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24	1.23	600.55	100 Nos	601
2	100	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	MTP ME		0.70	each	140
3	100	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2times)	MTP ME		47.00	each	1316
4	100	Nos	Pruning side branches twice in a year (18 Mazdoor)	LR		488.25	1 No / 75 seedlings	1302
5	LS		Contingencies for application of pesticides etc. and unforeseen items if any					141
TOTAL								3500

Rate calculated for	2022-23	Rs	3500
Add 10% escalation for	2023-24	Rs	350
Add 10% escalation for	2024-25	Rs	385
Add 10% escalation for	2025-26	Rs	423
Add 10% escalation for	2026-27	Rs	466
Add 10% escalation for	2027-28	Rs	512
Add 10% escalation for	2028-29	Rs	564
Add 10% escalation for	2029-30	Rs	620
Add 10% escalation for	2030-31	Rs	682
Add 10% escalation for	2031-32	Rs	750
Add 10% escalation for	2032-33	Rs	825
Add 10% escalation for	2033-34	Rs	908
Rate for 2033-2034			9985
Rate per seedling		Rs	100/-


 District Forest Officer,
 Nilgiris Forest Division,
 Udhagamandalam.


**Estimate for 10th Year Maintenance in Shola plantation raised during
2023-2024 in Nilgiris Forest Division during - 2034-2035**

Size of Polybags : 30x45 cm

Wages Rate -
2022-2023 : Rs.488.25

Sl. No	Qty		Details of Work	FSR Item No	FSL	Rate	Per	Amount
1	100	Nos	Scraping for 1m dia and soil working 15cm depth around each plants and removing the grass roots away from the site of upturning the soil	5.24	1.23	600.55	100 Nos	601
2	100	Nos	Application of poultry manure @ 250 gm per plant by mixing in the pit before planting including cost & transport (2 times)	MTP ME		0.50	each	100
3	100	Nos	Cost of DAP including application charges (per seedling 0.020 mg) (2times)	MTP ME		60.00	each	1680
4	100	Nos	Pruning side branches twice in a year (18 Mazdoor)	LR		488.25	1 No / 75 seedlings	1302
5	LS		Contingencies for application of pesticides etc. and unforeseen items if any					1317
TOTAL								5000

Rate calculated for	2022-23	Rs	5000
Add 10% escalation for	2023-24	Rs	500
Add 10% escalation for	2024-25	Rs	550
Add 10% escalation for	2025-26	Rs	605
Add 10% escalation for	2026-27	Rs	665
Add 10% escalation for	2027-28	Rs	732
Add 10% escalation for	2028-29	Rs	805
Add 10% escalation for	2029-30	Rs	886
Add 10% escalation for	2030-31	Rs	974
Add 10% escalation for	2031-32	Rs	1072
Add 10% escalation for	2032-33	Rs	1179
Add 10% escalation for	2033-34	Rs	1297
Add 10% escalation for	2034-35	Rs	1426
Rate for 2034-2035			15691
Rate per seedling		Rs	157/-


 District Forest Officer,
 Nilgiris Forest Division,
 Udthagamandalam.