

UNIT COST FOR MAINTENANCE OF BAG PLANTS

Sl. No.	FSR-2017-18 Code	Item of work	Unit	Rate (Rs.)	Agency allowance 25%	Rate (Rs.)	Amount (Rs.)
1	2	3	4			5	7
		Maintenance of Bag plants					
1	01.04.01	Watering poly bag (April to August)	Bed	1000	250	1250.50	1000.40
2	01.04.02	Weeding	Bed	46	11	57.41	45.93
3	01.04.03	Shifting and grading	Bed	453	113	566.15	566.15
4	01.04.05	Cost of fertilizers	As per actuals	20	5	25.00	20.00
5	01.04.06	Cost and transportation of cow dung slurry	Bed	25	6	31.25	25.00
6	01.04.07	Weeding in the space between the beds	Bed	25	6	31.60	25.28
7		Watch and ward (5 months) (8017x5/100beds)		401	0	400.85	320.60
		Electricity charges		300	0	300.00	300.00
		Total					2303.36
							115.17
8	01.04.08	Contingencies @ 5%					2418.53
9		Total					3.02
		cost of each plant (800 Plants per bed)					

Unit Cost for 2018-19
Unit Cost for 2019-20
Unit Cost for 2020 -21
Unit Cost for 2021-22

3.325476
3.658024
4.023826
4.426209

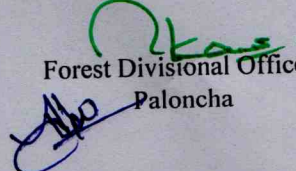

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UNIT COST FOR CONVERSION FROM 5"x9" to 8"x12" (1000 plants)

Sl. No.	FSR-2017-18 Code	Item of work	Unit	Rate (Rs.)	Agency allowance 25%	Rate (Rs.)	Amount (Rs.)
1	2	3	4			5	7
		Conversion of bags from 5x9 to 8x12					
		Cost and conveyance of coco husk	1000 plants				2400.00
2	01.03.25	Preparation of potting mixture by powering of various ingredients 5"x9" to 8"x12" polybags	1000 plants	1552.61	388	1940.76	1940.76
3	01.03.28	Stakes		2160.00	540	2700.00	2160.00
4	01.03.29	Weeding the plants (45.93x2x1000/800)	1000 plants	114.83	29	143.54	143.54
	01.03.30	Shifting, Grading	1000 plants	268.11	67	335.14	335.14
5	01.03.31	Watering the plants manually twice a day Manually with rose can (5 Months)	1000 plants	1563.12	391	1953.90	1953.90
6	01.03.33	Cost of Fertilizers		20.00	0	20.00	20.00
7		Watch and Ward (100 Beds) (5 Months) 5 x 8017	1000 plants	400.85	0	400.85	400.85
8		Cost of the ploythene bags (10000x1.15/86x175)		2340.12	0	2340.12	2340.12
9		Electricity charges		400.00	0	400.00	400.00
		Total					12094.30
							604.72
10	01.03.34	Contingencies @ 5%					12699.02
		Total					1269.90
11		Add 10% Casualty					13968.92
		Grand Total					13.97
12		cost of each plant					

Unit Cost for 2018-19
Unit Cost for 2019-20
Unit Cost for 2020 -21
Unit Cost for 2021-22

15.365813
16.902394
18.592634
20.451897


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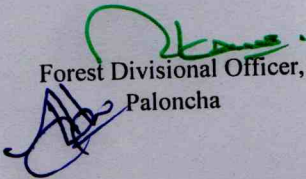
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UNIT COST FOR MAINTENANCE OF BAG PLANTS (5"x9")

Sl. No.	FSR-2017-18 Code	Item of work	Unit	Rate (Rs.)	Agency allowance 25%	Rate	Amount
1	2	3	4			5	7
		Maintenance of Bag plants					
1	01.03.18	Watering poly bag (April to August)	Bed	1250.50	312.63	1563.13	1563.13
2	01.03.19	Weeding (2 weedings)	Bed	91.86	22.97	114.83	114.83
3	01.03.20	Shifting and grading	Bed	428.98	107.25	536.23	536.23
		Electricity charges		200.00	0.00	200.00	200.00
		Watch and ward (5 months)		400.85	0.00	400.85	400.85
		Total					2815.03
		cost of each plant (1700 plants per bed)					1.6559

Unit Cost for 2018-19
Unit Cost for 2019-20
Unit Cost for 2020 -21
Unit Cost for 2021-22

1.821487
2.003635
2.203999
2.424399


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UNIT COST FOR RAISING OF PRIMARY BEDS

Sl. No.	FSR-2017-18 Code	Item of work	Unit	Rate (Rs.)	Agency allowance 25%	Rate (Rs.)	Amount (Rs.)
1	2	3	4			5	7
1	01.00.00	Raising of primary beds					
2	01.01.01	Preparation of new site	Bed	4.54	1.14	5.68	5.68
3	01.01.03	Digging of soil of the demarcated beds	Bed	34.92	8.73	43.65	43.65
4	01.01.04	Cost of sandy soil and transportation	Bed	25.4	6.35	31.75	31.75
5	01.01.05	5 Kms to 25 Kms	Bed	20.20	5.05	25.25	25.25
6	01.01.06	Cost of FYM	Bed	21.87	0.00	21.87	21.87
7	01.01.07	Mixing of soil with FYM	Bed	9.92	2.48	12.40	12.40
8	01.01.08	Covering the beds	Bed	11.34	2.84	14.18	14.18
9	01.01.09	Soil drenching					
10	01.01.10	Cost of seed	Bed	200.00	0.00	200.00	200.00
11	01.01.12	Sowing of seed	Bed	11.29	2.82	14.11	14.11
12	01.01.13	Watering the primary nursery beds	45 Days	19.06	4.77	23.83	19.06
13	01.01.14	Kerbing the primary beds	Bed	25.00	6.25	31.25	25.00
14	01.01.15	Cost of chemicals	Bed	20.00	0.00	20.00	20.00
16		Electrical Charges		20.00	0.00	20.00	20.00
		Total					452.94
		Rasing of seedlings 110% for abtaining 100%				10%	45.29
		Total					498.24
		cost of each plant (2000 plants per bed) - 2017-18					0.25

Unit Cost for 2018-19
Unit Cost for 2020 -21
Unit Cost for 2021-22

0.274030
0.301433
0.331577


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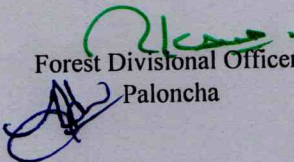
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UNIT COST FOR BAG PLANT NURSERY (NOVEMBER TO MARCH)

Sl. No.	FSR-2017/18 Code	Item of work	Unit	Rate (Rs.)	Agency allowance 25%	Rate (Rs.)	Amount (Rs.)
1	2	3	4			5	7
		Raising of bag plant nursery 5x9					
1	01.03.01	Site preparation	Bed	46.33	11.58	57.91	57.91
2	01.03.03	Cost of polythene bag, 175 x1.05x1700 / 290	Bed	1077.16	0.00	1077.16	1077.16
3	01.03.04	Cost of transportation of ingredients for potting mixture (cost of coco pit/ red earth)	Bed	2040.00	0.00	2040.00	2040.00
4	01.03.05	12.5 cm x 22.5 (5" x 9") (cost of coco pit/ red earth)					
5	01.03.06	For every extra km beyond 5 Kms upto 25 Kms 12.5 cm x 22.5 (5" x 9")					
6	01.03.07	Preparation of potting mixture (b) 12.5 cm x 22.5 (5" x 9")	Bed	1483.25	370.81	1854.06	1483.25
7	01.03.08	Alignment of beds	Bed	6.92	1.73	8.65	6.92
8	01.03.09	Pricking out seedlings	Bed	219.10	54.78	273.88	219.10
9	01.03.11	Watering the plants (5 Months) a) Manually with rose cans or finely perforated nozzle	Bed	1250.50	312.63	1563.13	1250.50
10	01.03.12	Weeding the beds (3 weedings)	Bed	137.79	34.45	172.24	137.79
11	01.03.13	Shifting, Grading and re-arranging (2 Gradings) twice	Bed	428.98	107.25	536.23	428.98
12	01.03.14	Replacement of casualties	Bed	60.90	15.23	76.13	60.90
13	01.03.15	Cost of foliar nutrient formulations	Bed	34.00	0.00	34.00	34.00
14	01.03.17	Weeding in the space (4 weedings)		125.20	31.30	156.50	
15		Watch and Ward (100 Beds) (5 Months) 5x 8017 /100Beds		400.85	0.00	400.85	400.85
				200.00	0.00	200.00	200.00
16		Electricity charges					
		Total					7397.36
							751.09
		add casualty 10%					8148.45
		Grand Total					8148.45
							4.79
		cost of each plant (1700 plants per bed)					

Unit Cost for 2018-19
Unit Cost for 2019-20
Unit Cost for 2020 -21
Unit Cost for 2021-22

5.272528
5.799781
6.379759
7.017735


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Unit Cost for Advance Operations for Raising of N.T.S.H. Plantations 3m X 3m. (SMM)

FSR Code	Item of work	Qty	Rate (Rs.)	Agency allowen ce 25%	Unit Rate per Ha		Amount (Rs.)
					Rate (Rs.)	Per	
02.08.01	Survey with GPS (Only staff to carry out) (Staff to carryout GPS Survey. One manday is allowed for assistance)	1	326.59	0	327	Plantation	327
02.08.02	Clearing unsalable unwanted jungle growth			0	0		
	(a) Sparse Jungle growth (< 10% ground area covered with jungle growth)	0.2	1815.25	453.81	2269	Ha	454
	(b) Very Light Jungle growth (>10% and up to 20% ground area covered with Jungle growth)	0.2	2728.52	682.13	3411	Ha	682
	(c) Light Jungle Growth (> 20% and upto 30% ground area covered with jungle growth) with prior written approval of DFO based on the field inspection of DFO.	0.6	5468.03	1367	6835	Ha	4101
02.08.03	Uprootal of stumps			0	0		
	(a) Sparse Jungle growth (< 10% ground area covered with Jungle growth)	0.4	4575.74	0	4576	Ha	1830
	(b) Very Light Jungle growth (>10% and up to 20% ground area covered with Jungle growth)	0.4	8856.24	0	8856	Ha	3542
	(c) Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on the field inspection of DFO.	0.2	11513.51	0	11514	Ha	2303
02.08.04	Collection and Removal of uprooted stumps of all sizes			0	0		
	(a) Sparse Jungle growth (< 10% ground area covered with Jungle growth)	0.4	4872.12	1218	6090	Ha	2436
	(b) Very Light Jungle growth (>10% and up to 20% ground area covered with Jungle growth)	0.4	7731.50	1932.9	9664	Ha	3866
	(c) Light Jungle Growth (> 20% and upto 30% ground area covered with Jungle growth) with prior written approval of DFO based on the field inspection of DFO.	0.2	9014.96	2253.7	11269	Ha	2254
02.08.05	Tilling the soil to a depth of 0.45 cm in the affected area			0	0		
a	Sparce jungle growth less than 10% ground area covered with jungle growth	1	14456.00	3614	18070	Ha	18070

Unit Rate for 2017 -18	39865
Unit Rate for 2018 -19	43852
Unit Rate for 2019 -20	48237
Unit Rate for 2020 -21	53060
Unit Rate for 2021 -22	58366
Unit Rate for 2022 -23	64203
Unit Rate for 2023 -24	70623
Unit Rate for 2024 -25	77686
Unit Rate for 2025 -26	85454
Unit Rate for 2026 -27	94000
Unit Rate for 2027 -28	103400

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Unit Cost for Raising of N.T.S.H. Plantations 3m X 3m. (SMM)

Code	Item of work	Qty	Rate (Rs.)	Agency allowance 25%	Rate (Rs.)	Unit Rate per Ha	
						Per	Amount (Rs.)
1	2	3	4	5	6	7	8
02.09.02	Deep Ploughing the effective (excluding unsuitable patches) plantation area across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough. FOR TILLED AREA ONLY	1	2697.24	0	2697.24	Ha	2697
02.09.04	© Alignment and staking including laying base line for Misc species with espacement 3mX3m (1111 Nos)	1111	77.91	19.48	97.39	100	1082
02.09.05	Cost of 0.45 M Stake preparation and transportation to site.	1111	49.67	12.42	62.09	100	690
02.09.06	© Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit)	1111	10.99	2.75	13.74	1	15263
01.03.05	Cost and transportation of soil mixtue for filling half of the pit and spreading around the pit - 0.6 cm x 0.6 cm x 0.6 cm = 0.216 cum	239.976	310.86	0.00	310.86	cum	74598
	Transportation of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading			0.00	0.00		
02.09.07	upto 5 Km lead(20X30 cm (8"X12")bag plants)	1111	173.49	0.00	173.49	100	1927
02.09.08	5 Km to 25 Km lead(20X30 cm (8"X12")bag plants)	1111	135.00	0.00	135.00	100	1500
	Internal transport of bag plants/root trainers to planting points on head loads.			0.00	0.00		
02.09.10	20X30 cm (8"X12")bag plants	1111	123.84	30.96	154.80	100	1720
02.09.11	Cost of SSP, Chloridine dust or Chloropyriphos	1111	2.00	0.00	2.00	1	2222
	Application of 50gm of SSP per pit	1111	34.25	8.56	42.81	100	476
	Planting Bag Plants			0.00	0.00		
02.09.13	Planting in 60 cm ³ Pit (for 45 cm ³ pit - Rs.381.54)	1111	903.71	225.93	1129.64	100	12550
02.15.10	Cost of supporting stake of 2.5 m long sturdy and straight and minimum 10 cm girth at base	1111	15.00	3.75	18.75	1.00	20831
02.09.14	Watering to the plants - 4 times	1111	924.00	231.00	1155.00	100	12832
02.09.15	Replacement of Casualties 20% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no causality replacement for further maintenance)	50% of rate of original pitting rate during raising year and 100% during maintenance years. Planting, Transportation and internal transportation as prescribed above.					
	© Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit)	222	5.50	1.37	6.87	1	1525
	Transportation	222	308.49	0.00	308.49	100	685
	Internal Transportation	222	123.84	30.96	154.80	100	344
	Planting in 60 cm ³ Pit (for 45 cm ³ pit - Rs.381.54)	222	903.71	225.93	1129.64	100	2508
02.09.16	Cost of DAP @25gm / planting point	1111	2.00	0.00	2.00	1	2222
02.09.11	Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing.	1111	34.25	8.56	42.81	100	476
02.09.18	a) Circular weeding to a radius of 0.50 m around the plant (during July - Aug)	1111	108.98	27.25	136.23	100	1513
02.09.19	b) Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (during Nov - Dec.)	1111	572.33	143.08	715.41	100	7948
02.09.20	(b) Inter ploughing with heavy duty tractor of 55 HP to a depth of 30 cm in Hard Gravelly Soils	1	2810.70	0.00	2810.70	1	2811
02.09.22	Uprootal of Mahaveera Weed	1	3184.10	796.03	3980.13	1	3980
02.09.24	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8017 x 9 = 72153 / 15 = 4810/-	1	4810.20	0.00	4810.20	Ha	4810
	Unit Rate for 2017 -18						177211
	Unit Rate for 2018 -19						194932
	Unit Rate for 2019 -20						214425
	Unit Rate for 2020 -21						235867
	Unit Rate for 2021 -22						259454
	Unit Rate for 2022 -23.						285399
	Unit Rate for 2023 -24						313939
	Unit Rate for 2024 -25						345333
	Unit Rate for 2025 -26						379866
	Unit Rate for 2026 -27						417853
	Unit Rate for 2027 -28						459638

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Unit Cost for 1st Year Maintenance of NTSH Plantation (3m X 3 m) SMM per Ha

FSR Code	Item of work	Unit Rate per Ha			Rate (Rs.)	Per	Amount (Rs.)
		Qty	Rate (Rs.)	Agency allowenc e 25%			
1	2	4			5	6	7
02.10.01	Replacement of Casualties 25% during Raising & 25% in 1st year (In case oif Eucalyptus 10% during raising and no casualty replacement for further maintenance) - 25 % proposed	50% of rate of original pitting rate during raising year and 100% during maintenance years. Planting, Transportation and internal transportation as prescribed above.					
02.09.06	© Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit)	278	10.990	2.75	13.74	1	3819
02.09.07	Transportation up 5km	278	173.49	43.37	216.86	100	603
02.09.08	Transportation beyond 5 Km (25 - 5) = 20 KM	278	135.00	33.75	168.75	100	469
02.09.10	Internal Transportation	278	123.84	30.96	154.80	100	430
02.09.13	Planting in 60 cm ³ Pit (for 45 cm ³ pit - Rs.381.54)	278	903.71	225.93	1129.64	100	3140
02.15.13	Watering to the plants- 4 waterings	1111	924.00	231.00	1155.00	100	12832
02.09.16	Cost of DAP @25gm / planting point-50% of raising cost	1111	1.00	0.25	1.25	1	1389
02.09.11	Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers & closing. - 50% of rate	1111	17.13	4.28	21.41	100	238
02.10.02	Circular weeding to a radius of 0.50 m around the plant during raising year (July - Aug)	1111	108.98	27.25	136.23	100	1513
02.10.03	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant during Nov - Dec	1111	572.33	143.08	715.41	100	7948
02.10.04	Uprootal of Mahaveera (70% of the area)	0.7	3184.10	796.03	3980.13	Ha	2786
02.10.05	Inter-ploughing (during September) the effective plantation area (excluding unsuitable patches) across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough.	1	2048.90	512.23	2561.13	Ha	2561
02.10.06	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	108.35	27.09	135.44	100	1505
02.10.09	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8017 x 12 = 96204 / 15 = 6414/-	1	6413.60	0.00	6413.60	Ha	6414
	Unit Rate for 2017 -18						45647
	Unit Rate for 2018 -19						50212
	Unit Rate for 2019 -20						55233
	Unit Rate for 2020 -21						60756
	Unit Rate for 2021 -22						66832
	Unit Rate for 2022 -23						73515
	Unit Rate for 2023 -24						80867
	Unit Rate for 2024 -25						88953
	Unit Rate for 2025 -26						97849
	Unit Rate for 2026 -27						107633
	Unit Rate for 2027 -28						118397

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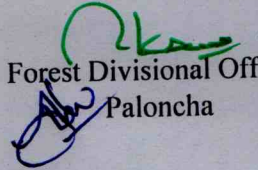
Unit Cost for 2nd Year Maintenance of NTSH Plantation (3 m X 3 m) SMM per Ha

FSR Code	Item of work	Unit Rate per Ha			Rate (Rs.)	Per	Amount (Rs.)
		Qty	Rate (Rs.)	Agency allowance 25%			
1	2	4			5	6	7
02.10.01	Replacement of Casualties 25% during Raising & 25% in 1st year (In case of Eucalyptus 10% during raising and no casualty replacement for further maintenance) 5% proposed	50% of rate of original pitting rate during raising year and 100% during maintenance years. Planting, Transportation and internal transportation as prescribed above.					
02.09.06	© Digging of 60 cm cube size pits - Half of the rate of Rs.9.28 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.9.28 per pit)	56	10.99	2.75	13.738	1	769
02.09.07	Transportation up 5km	56	173.49	43.37	216.863	100	121
02.09.08	Transportation beyond 5 Km (25 - 5) = 20 KM	56	135.00	33.75	168.750	100	95
02.09.10	Internal Transportation	56	123.84	30.96	154.800	100	87
02.09.13	Planting in 60 cm ³ Pit (for 45 cm ³ pit - Rs.381.54)	56	903.71	225.93	1129.641	100	633
02.10.05	Inter-ploughing (during September) the effective plantation area (excluding unsuitable patches) across the slope to a depth of 30 cm with Heavy-duty Tractor of 55 HP and above with Firm Mould Board (FMB) plough.	1	2048.90	512.23	2561.125	Ha	2561
02.11.01	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	1111	572.33	143.08	715.413	100	7948.00
02.11.02	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	108.35	27.09	135.438	100	1505.00
02.01.03	Formation of Sector Lines / Fire Lines to a width of 3 m by giving surface treatment (sector to be in conformity with slope direction). All stumps to be cut to ground level.	100	5.33	1.33	6.663	Rmt	666
02.10.04	Uprootal of Mahaveera (60% of the area)	0.6	3184.10	796.03	3980.125	Ha	2388
02.11.05	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8017 x 12 = 96204 / 15 = 6414/-	1	6413.60	0.00	6413.600	Ha	6414.00
	Unit Rate for 2017 -18						23187
	Unit Rate for 2018 -19						25506
	Unit Rate for 2019 -20						28056
	Unit Rate for 2020 -21						30862
	Unit Rate for 2021 -22						33948
	Unit Rate for 2022 -23						37343
	Unit Rate for 2023 -24						41077
	Unit Rate for 2024 -25						45185
	Unit Rate for 2025 -26						49703
	Unit Rate for 2026 -27						54674
	Unit Rate for 2027 -28						60141


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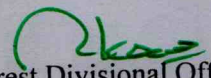
Unit Cost for 3rd Year Maintenance of NTSH Plantation (3m X 2m) SMM per Ha

Unit Rate per Ha							
FSR Code	Item of work	Qty	Rate (Rs.)	Agency allowance 25%	Rate (Rs.)	Per	Amount (Rs.)
1	2	4			5	6	7
02.11.01	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	1111	572.33	143.08	715.41	100	7948
02.11.02	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	108.35	27.088	135.44	100	1505
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	318.289	79.572	397.86	100 Rmt	398
02.11.05	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8017 x 12 = 96204 / 15 = 6414/-	1	6413.6	0	6413.60	Ha	6414
	Unit Rate for 2017 -18						16265
	Unit Rate for 2018 -19						17891
	Unit Rate for 2019 -20						19680
	Unit Rate for 2020 -21						21649
	Unit Rate for 2021 -22						23813
	Unit Rate for 2022 -23						26195
	Unit Rate for 2023 -24						28814
	Unit Rate for 2024 -25						31696
	Unit Rate for 2025 -26						34865
	Unit Rate for 2026 -27						38352
	Unit Rate for 2027 -28						42187


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Unit Cost for 4th Year Maintenance of NTSH Plantation (3m X 3m) SMM per Ha

FSR Code	Item of work	Unit Rate per Ha					Amount (Rs.)
		Qty	Rate (Rs.)	Agency allowance 25%	Rate (Rs.)	Per	
1	2	4			5	6	7
02.11.01	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)	1111	572.33	143.08	715.41	100	7948
02.11.02	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	108.35	27.088	135.44	100	1505
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	318.289	79.572	397.86	100 Rmt	398
02.11.05	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8017 x 12 = 96204 / 15 = 6414/-	1	6413.6	0	6413.60	Ha	6414
	Unit Rate for 2017 -18						16265
	Unit Rate for 2018 -19						17891
	Unit Rate for 2019 -20						19680
	Unit Rate for 2020 -21						21649
	Unit Rate for 2021 -22						23813
	Unit Rate for 2022 -23						26195
	Unit Rate for 2023 -24						28814
	Unit Rate for 2024 -25						31696
	Unit Rate for 2025 -26						34865
	Unit Rate for 2026 -27						38352
	Unit Rate for 2027 -28						42187


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Unit Cost for 5th Year Maintenance of NTSH Plantation (3m X 3m) SMM per Ha

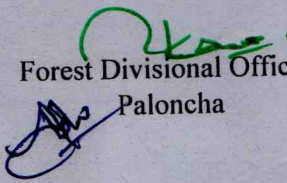
FSR Code	Item of work	Unit Rate per Ha			Rate (Rs.)	Per	Amount (Rs.)
		Qty	Rate (Rs.)	Agency allowance 25%			
1	2	4			5	6	7
02.11.01	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick axe only) without damaging the plant. (July-Aug)- the work will be carried out between 1 m to 1.1 m in a ring formation- Hence 25% of cost adopted	1111	143.08	35.771	178.85	100	1987
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	318.29	79.572	397.86	100 Rmt	398
	Unit Rate for 2017 -18						2385
	Unit Rate for 2018 -19						2623
	Unit Rate for 2019 -20						2886
	Unit Rate for 2020 -21						3174
	Unit Rate for 2021 -22						3492
	Unit Rate for 2022 -23						3841
	Unit Rate for 2023 -24						4225
	Unit Rate for 2024 -25						4647
	Unit Rate for 2025 -26						5112
	Unit Rate for 2026 -27						5623
	Unit Rate for 2027 -28						6186


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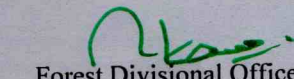
Unit Cost for 6th Year Maintenance of NTSH Plantation (3m X 3m) SMM per Ha

FSR Code	Item of work	Unit Rate per Ha			Rate (Rs.)	Per	Amount (Rs.)
		Qty	Rate (Rs.)	Agency allowen ce 25%			
1	2	4			5	6	7
02.11.02	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	108.35	27.088	135.44	100	1505
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	318.29	79.572	397.86	100 Rmt	398
							1903
Unit Rate for 2017 -18							2093
Unit Rate for 2018 -19							2302
Unit Rate for 2019 -20							2533
Unit Rate for 2020 -21							2786
Unit Rate for 2021 -22							3065
Unit Rate for 2022 -23							3371
Unit Rate for 2023 -24							3708
Unit Rate for 2024 -25							4079
Unit Rate for 2025 -26							4487
Unit Rate for 2026 -27							4936
Unit Rate for 2027 -28							


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Unit Cost for 7th Year Maintenance of NTSH Plantation (3m X 3m) SMM per Ha

FSR Code	Item of work	Unit Rate per Ha		Agency allowance 25%	Rate (Rs.)	Per	Amount (Rs.)
		Qty	Rate (Rs.)				
1	2	4			5	6	7
02.11.01	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)- the work will be carried out between 1 m to 1.1 m in a ring formation- Hence 25% of cost adopted	1111	143.08	35.770625	178.85	100	1987
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	318.29	79.57215	397.86	100 Rmt	398
	Unit Rate for 2017 -18						2385
	Unit Rate for 2018 -19						2623
	Unit Rate for 2019 -20						2886
	Unit Rate for 2020 -21						3174
	Unit Rate for 2021 -22						3492
	Unit Rate for 2022 -23						3841
	Unit Rate for 2023 -24						4225
	Unit Rate for 2024 -25						4647
	Unit Rate for 2025 -26						5112
	Unit Rate for 2026 -27						5623
	Unit Rate for 2027 -28						6186
	Unit Rate for 2027 -28						6804


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Unit Cost for 8th Year Maintenance of NTSB Plantation (3m X 3m) SMM per Ha

FSR Code	Item of work	Unit Rate per Ha			Rate (Rs.)	Per	Amount (Rs.)
		Qty	Rate (Rs.)	Agency allowance 25%			
1	2	4			5	6	7
02.11.02	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	108.35	27.088	135.44	100	1505
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	318.29	79.572	397.86	100 Rmt	398
							1903
	Unit Rate for 2017 -18						2093
	Unit Rate for 2018 -19						2302
	Unit Rate for 2019 -20						2533
	Unit Rate for 2020 -21						2786
	Unit Rate for 2021 -22						3065
	Unit Rate for 2022 -23						3371
	Unit Rate for 2023 -24						3708
	Unit Rate for 2024 -25						4079
	Unit Rate for 2025 -26						4487
	Unit Rate for 2026 -27						4936
	Unit Rate for 2027 -28						5429
	Unit Rate for 2028 -29						

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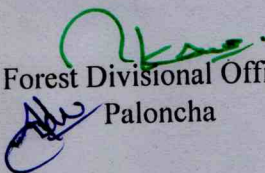
Unit Cost for 9th Year Maintenance of NTSH Plantation (3m X 3m) SMM per Ha

Unit Rate per Ha							
FSR Code	Item of work	Qty	Rate (Rs.)	Agency allowance 25%	Rate (Rs.)	Per	Amount (Rs.)
1	2	4			5	6	7
02.11.01	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pickaxe only) without damaging the plant. (July-Aug)- the work will be carried out between 1 m to 1.1 m in a ring formation- Hence 25% of cost adopted	1111	143.08	35.771	178.85	100	1987
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	318.29	79.572	397.86	100 Rmt	398
	Unit Rate for 2017 -18						2385
	Unit Rate for 2018 -19						2623
	Unit Rate for 2019 -20						2886
	Unit Rate for 2020 -21						3174
	Unit Rate for 2021 -22						3492
	Unit Rate for 2022 -23						3841
	Unit Rate for 2023 -24						4225
	Unit Rate for 2024 -25						4647
	Unit Rate for 2025 -26						5112
	Unit Rate for 2026 -27						5623
	Unit Rate for 2027 -28						6186
	Unit Rate for 2028 -29						6804


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Unit Cost for 10th Year Maintenance of NTS Plantation (3m X 3m) SMM per Ha

FSR Code	Item of work	Unit Rate per Ha			Rate (Rs.)	Per	Amount (Rs.)
		Qty	Rate (Rs.)	Agency allowance 25%			
1	2	4			5	6	7
02.11.02	Pruning of flower branch initials of Timber and NTFP species by sciculture upto 1/3 rd height (to be done during July - Aug)	1111	108.35	27.088	135.44	100	1505
03.05.01	Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - proportionate cost - 0.60 times	100	318.29	79.572	397.86	100 Rmt	398
							1903
	Unit Rate for 2017 -18						2093
	Unit Rate for 2018 -19						2302
	Unit Rate for 2019 -20						2533
	Unit Rate for 2020 -21						2786
	Unit Rate for 2021 -22						3065
	Unit Rate for 2022 -23						3371
	Unit Rate for 2023 -24						3708
	Unit Rate for 2024 -25						4079
	Unit Rate for 2025 -26						4487
	Unit Rate for 2026 -27						4936
	Unit Rate for 2027 -28						5429
	Unit Rate for 2028 -29						


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