

UNIT COST FOR RAISING OF PRIMARY BEDS

Sl. No.	FSR-2019-20 Code	Item of work	Unit	Rate (Rs.)	Agency allowance 25%	Rate (Rs.)	Amount (Rs.)
1		3	4			5	6
1	01.00.00	Raising of primary beds					
2	01.01.01	Preparation of new site	Bed	4.95	1.24	6.19	6.19
3	01.01.03	Digging of soil of the demarcated beds	Bed	38.15	9.54	47.69	47.69
4	01.01.04	Cost of sandy soil and transportation	Bed	28.85	7.21	36.06	36.06
5	01.01.05	5 Kms to 25 Kms	Bed	28.75	7.19	35.94	35.94
6	01.01.06	Cost of FYM	Bed	24.80	0.00	24.80	24.80
7	01.01.07	Mixing of soil with FYM	Bed	10.85	2.71	13.56	13.56
8	01.01.08	Covering the beds	Bed	12.40	3.10	15.50	15.50
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	12.35	3.09	15.44	15.44
12	01.01.13	Watering the primary nursery beds	45 Days	13.90	3.48	17.38	17.38
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					477.55
		Rasing of seedlings 110% for abtaining 100%				10%	47.76
		Total					525.31
		cost of each plant (2000 plants per bed) - 2019-20					0.26

Unit Cost for 2020 -21

Unit Cost for 2021-22

Unit Cost for 2022-23

0.288918

0.317810

0.349590


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-279-

UNIT COST FOR BAG PLANT NURSERY (NOVEMBER TO MARCH)

Sl. No.	FSR-2019-20 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	49.60	12.40	62.00	62.00
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	01.03.08	Preparation of potting mixture (b) 12.5 cm x 22.5 (5" x 9")	Bed	952.80	238.20	1191.00	1191.00
7	01.03.09	Alignment of beds	Bed	7.60	1.90	9.50	9.50
8	01.03.10	Pricking out seedlings	Bed	140.70	35.18	175.88	175.88
9	01.03.12	Watering the plants (5 Months) a) Manually with rose cans or finely perforated nozzle	Bed	1365.50	341.38	1706.88	1706.88
10	01.03.13	Weeding the beds (3 weedings)	Bed	150.45	37.61	188.06	188.06
11	01.03.13	Shifting, Grading and re-arranging (2 Gradings) twice	Bed	468.50	117.13	585.63	585.63
12	01.03.15	Replacement of casualties	Bed	66.50	16.63	83.13	83.13
13	01.03.16	Cost of foliar nutrient formulations	Bed	34.00	0.00	34.00	34.00
14	01.03.18	Weeding in the space (4 weedings)		136.80	34.20	171.00	171.00
15		Watch and Ward (100 Beds) (5 Months) 5x 8754.60 /100Beds		437.73	0.00	437.73	437.73
16		Electricity charges		300.00	0.00	300.00	300.00
		Total					8061.95
		Add casualty 10%					751.09
		2019-20 Grand Total					8813.04
		cost of each plant (1700 plants per bed)					5.18

Unit Cost for 2020-21
Unit Cost for 2021-22
Unit Cost for 2022-23
Unit Cost for 2023-24

5.7026
6.2728
6.9001
7.5901


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UNIT COST FOR MAINTENANCE OF BAG PLANTS

Sl. No.	FSR-2019-20 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	50.15	13	62.69	45.93
3	01.04.03	Shifting and grading	Bed	468.50	117	585.63	585.63
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	28	7	34.50	25.28
7		Watch and ward (5 months) (8754.6x5/100beds)		438	0	437.73	320.60
		Electricity charges		500	0	500.00	300.00
		Total					2322.84
8	01.04.08	Contingencies @ 5%					116.14
9		2019-20 Total					2438.98
		cost of each plant (800 Plants per bed)					3.05

Unit Cost for 2020 -21

Unit Cost for 2021-22

Unit Cost for 2022-23



Unit Cost for 2023-24

3.354

3.689

4.058

4.464


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

Sl. No.	FSR-2019-20 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					
1		Cost and conveyance of coco husk	1000 plants				2400.00
2	01.03.27	Preparation of potting mixture by powering of various ingredients 5"x9" to 8"x12" polybags	1000 plants	1695.45	424	2119.31	2119.31
3	01.03.32	Stakes		2358.75	590	2948.44	2160.00
4	01.03.33	Weeding the plants (50.15x2x1000/800)	1000 plants	125.38	31	156.72	156.72
	01.03.34	Shifting, Grading	1000 plants	468.50	117	585.63	585.63
5	01.03.35	Watering the plants manually twice a day Manually with rose can (5 Months)	1000 plants	1365.75	341	1707.19	1707.19
6	01.03.37	Cost of Fertilizers		20.00	0	20.00	20.00
7		Watch and Ward (100 Beds) (5 Months) 5 x 8754.60	1000 plants	437.73	0	437.73	437.73
8		Cost of the ploythene bags (10000x1.15/86x175)		2340.12	0	2340.12	2340.12
9		Electricity charges		500.00	0	500.00	500.00
		Total					12426.69
10	01.03.38	Contingencies @ 5%					621.33
		2019-20 Total					13048.02
12		cost of each plant					13.048

Unit Cost for 2020 -21

Unit Cost for 2021-22

Unit Cost for 2022-23

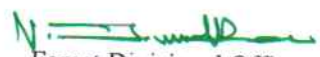
Unit Cost for 2023-24

14.353

15.788

17.367

19.104


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-285-

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

Sl. No.	FSR-2019-20 Code	Item of work	Unit	Rate (Rs.)	Agency allowance 25%	Rate	Amount
1	2	3	4			5	7
		Maintenance of Bag plants					
1	01.04.01	Watering poly bag (April to August)	Bed	1365.50	341.38	1706.88	1706.88
2	01.04.02	Weeding (2 weedings)	Bed	100.30	25.08	125.38	125.38
3	01.04.03	Shifting and grading	Bed	468.50	117.13	585.63	585.63
		Electricity charges		300.00	0.00	300.00	300.00
		Watch and ward (5 months)		437.73	0.00	437.73	437.73
		2019-20 Total					3155.61
		cost of each plant (1700 plants per bed)					1.8562

Unit Cost for 2020 -21

Unit Cost for 2021-22

Unit Cost for 2022-23

Unit Cost for 2023-24

2.041862

2.246048

2.470653

2.717718


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Unit Cost for Advance Operations for Raising of N.T.S.H. Plantations 3m X 3m. (SMM) during 2019-20

FSR Code	Item of work	Qty	Rate (Rs.)	Agency allowance 25%	Unit Rate per Ha		
					Rate (Rs.)	Per	Amount (Rs.)
02.08.01	Survey with GPS (Only staff to carry out) (Staff to carryout GPS Survey. One manday is allowed for assistance)	1	356.65	0	357	Plantation	357
02.08.02	Clearing unsalable unwanted jungle growth			0	0		
	(a) Sparse Jungle growth (< 10% ground area covered with jungle growth)	0.2	1982.25	495.56	2478	Ha	496
	(b) Very Light Jungle growth (>10% and up to 20% ground area covered with jungle growth)	0.2	2979.55	744.89	3724	Ha	745
	(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	7000.00	1750	8750	Ha	5250
02.08.03	Uprootal of stumps			0	0		
	(a) Sparse Jungle growth (< 10% ground area covered with jungle growth)	0.4	5184.30	0	5184	Ha	2074
	(b) Very Light Jungle growth (>10% and up to 20% ground area covered with jungle growth)	0.4	10034.10	0	10034	Ha	4014
	(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	13044.80	0	13045	Ha	2609
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	5520.10	1380	6900	Ha	2760
	(b) Very Light Jungle growth (>10% and up to 20% ground area covered with jungle growth)	0.4	8759.80	2190	10950	Ha	4380
	(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	10213.95	2553.5	12767	Ha	2553
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	16378.65	4094.7	20473	Ha	20473

Unit Rate for 2019 -20

45711

Unit Rate for 2020 -21

50282

Unit Rate for 2021 -22

55311

Unit Rate for 2022 -23

60842

Unit Rate for 2023 -24

66926

Unit Rate for 2024 -25

73619

Unit Rate for 2025 -26

80980

Unit Rate for 2026 -27

89078

Unit Rate for 2027 -28


97986

Unit Rate for 2028 -29

107785

Unit Rate for 2029 -30

118563


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-289-


Unit Cost for Raising of N.T.S.H. Plantations 3m X 3m. (SMM) during 2019-20

FSR 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
02.09.03	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	3056	0	3056	Ha	3056
02.09.04	© Alignment and staking including laying base line for Misc species with espacement 3mX3m (1111 Nos)	1111	85.10	21.28	106.38	100	1182
02.09.05	Cost of 0.45 M Stake preparation and transportation to site.	1111	54.25	13.56	67.81	100	753
02.09.06	© Digging of 60 cm cube size pits - Half of the rate of Rs.10.15*1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.10.15 per pit)	1111	12.51	3.13	15.64	1	17373
01.03.05	Cost and transportation of soil mixture 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	310.86	cum	74598
	Transportation of Bag plants / Root trainer plants from nursery site to plantation site including loading and unloading			0	0.00		
02.09.07	upto 5 Km lead(20X30 cm (8"X12")bag plants)	1111	196.60	0	196.60	100	2184
02.09.08	5 Km to 25 Km lead(20X30 cm (8"X12")bag plants)	1111	191.25	0	191.25	100	2125
	Internal transport of bag plants/root trainers to planting points on head loads.			0	0.00		
02.09.10	20X30 cm (8"X12")bag plants	1111	135.25	33.81	169.06	100	1878
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	37.40	9.35	46.75	100	519
	Planting Bag Plants						
02.09.13	Planting in 60 cm ³ Pit	1111	924.65	231.16	1155.81	100	12841
02.15.10	Cost of supporting stake of 2.5 m long sturdy and straight and minimum 10 cm girth at base	1111	15.75	3.94	19.69	1.00	21873
02.09.14	Watering to the plants - 4 times	1111	1009.00	252.25	1261.25	100	14012
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	6.26	1.56	7.82	1	1736
	Transportation	222	387.85	0.00	387.85	100	861
	Internal Transportation	222	135.25	33.81	169.06	100	375
	Planting in 60 cm ³ Pit (for 45 cm ³ pit - Rs.381.54)	222	924.65	231.16	1155.81	100	2566
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	37.40	9.35	46.75	100	519
02.09.18	a) Circular weeding to a radius of 0.50 m around the plant (during July - Aug)	1111	119.00	29.75	148.75	100	1653
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	625.00	156.25	781.25	100	8680
02.09.20	(b) Inter ploughing with heavy duty tractor of 55 HP to a depth of 30 cm in Hard Gravelly Soils	1	3184.50	0.00	3184.50	1	3185
02.09.22	Uprootal of Mahaveera Weed	1	3477.05	869.26	4346.31	1	4346
02.09.24	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8757x 9 = 78813 / 15 = 5254/-	1	5254.20	0.00	5254.20	Ha	5254
	Unit Rate for 2019 -20						186014
	Unit Rate for 2020 -21						204615
	Unit Rate for 2021 -22						225076
	Unit Rate for 2022 -23						247584
	Unit Rate for 2023 -24						272342
	Unit Rate for 2024 -25						299577
	Unit Rate for 2025 -26						329534
	Unit Rate for 2026 -27						362488
	Unit Rate for 2027 -28						398736
	Unit Rate for 2028 -29						438610
	Unit Rate for 2029 -30						482471


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Unit Cost for 1st Year Maintenance of NTSB Plantation (3m X 3 m) SMM per Ha during 2019-20

FSR Code	Item of work	Unit Rate per Ha					
		Qty	Rate (Rs.)	Agency allowenc e 25%	Rate (Rs.)	Per	Amount (Rs.)
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) - 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.10.15 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.10.15 per pit)	278	12.51	3.13	15.64	1	4347
02.09.07	Transportation up 5km	278	196.60	49.15	245.75	100	683
02.09.08	Transportation beyond 5 Km (25 - 5) = 20 KM	278	153.00	38.25	191.25	100	532
02.09.10	Internal Transportation	278	135.25	33.81	169.06	100	470
02.09.13	Planting in 60 cm ³ Pit	278	924.65	231.16	1155.81	100	3213
02.15.13	Watering to the plants- 4 waterings	1111	1009.00	252.25	1261.25	100	14012
02.09.16	Cost of DAP @25gm / planting point-50% of raising cost	1111	2.00	0.50	2.50	1	2778
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	18.70	4.68	23.38	100	260
02.09.18	Circular weeding to a radius of 0.50 m around the plant during raising year (July - Aug)	1111	119.00	29.75	148.75	100	1653
02.09.19	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	625.00	156.25	781.25	100	8680
02.10.04	Uprootal of Mahaveera (70% of the area)	0.7	3477.05	869.26	4346.31	Ha	3042
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	2321.40	580.35	2901.75	Ha	2902
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	118.35	29.59	147.94	100	1644
02.10.09	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8757 x 12 = 105084 / 15 =7006/-	1	7006.00	0.00	7006.00	Ha	7006
	Unit Rate for 2019 -20						51222
	Unit Rate for 2020 -21						56345
	Unit Rate for 2021 -22						61979
	Unit Rate for 2022 -23						68177
	Unit Rate for 2023 -24						74995
	Unit Rate for 2024 -25						82494
	Unit Rate for 2025 -26						90744
	Unit Rate for 2026 -27						99818
	Unit Rate for 2027 -28						109800
	Unit Rate for 2028 -29						120780
	Unit Rate for 2029 -30						132858


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

FSR Code	Item of work	Unit Rate per Ha					
		Qty	Rate (Rs.)	Agency allowen ce 25%	Rate (Rs.)	Per	Amount (Rs.)
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.10.15 *1.333*1.333*1.333 (Rate for 45 cm cube pit - Rs.10.15 per pit)	56	12.51	3.13	15.638	1	876
02.09.07	Transportation up 5km	56	196.60	49.15	245.750	100	138
02.09.08	Transportation beyond 5 Km (25 - 5) = 20 KM	56	153.00	38.25	191.250	100	107
02.09.10	Internal Transportation	56	135.25	33.81	169.063	100	95
02.09.13	Planting in 60 cm ³ Pit	56	924.65	231.16	1155.813	100	647
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	2321.40	580.35	2901.750	Ha	2902
02.11.02	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	625.00	156.25	781.250	100	8680.00
02.11.03	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	118.35	29.59	147.938	100	1644.00
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	5.85	1.46	7.313	Rmt	731
02.10.04	Uprootal of Mahaveera (60% of the area)	0.6	3477.05	869.26	4346.313	Ha	2608
02.11.05	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8757 x 12 = 105084 / 15 = 7006/-	1	7006.00	0.00	7006.000	Ha	7006.00
	Unit Rate for 2019 -20						25434
	Unit Rate for 2020 -21						27977
	Unit Rate for 2021 -22						30775
	Unit Rate for 2022 -23						33853
	Unit Rate for 2023 -24						37238
	Unit Rate for 2024 -25						40962
	Unit Rate for 2025 -26						45058
	Unit Rate for 2026 -27						49564
	Unit Rate for 2027 -28						54520
	Unit Rate for 2028 -29						59972
	Unit Rate for 2029 -30						65969


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



FSR Code	Item of work	Unit Rate per Ha					
		Qty	Rate (Rs.)	Agency allowance 25%	Rate (Rs.)	Per	Amount (Rs.)
1	2	4			5	6	7
02.11.02	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	625	156.25	781.25	100	8680
02.11.03	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	118.35	29.588	147.94	100	1644
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	579.3	144.83	724.13	100 Rmt	724
02.11.05	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8757 x 12 = 105084 / 15 = 7006/-	1	7006	0	7006.00	Ha	7006
	Unit Rate for 2019 -20						18054
	Unit Rate for 2020 -21						19860
	Unit Rate for 2021 -22						21845
	Unit Rate for 2022 -23						24030
	Unit Rate for 2023 -24						26433
	Unit Rate for 2024 -25						29076
	Unit Rate for 2025 -26						31984
	Unit Rate for 2026 -27						35182
	Unit Rate for 2027 -28						38701
	Unit Rate for 2028 -29						42571
	Unit Rate for 2029 -30						46828


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-297-



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

Unit Rate per Ha							
FSR Code	Item of work	Qty	Rate (Rs.)	Agency allowenc e 25%	Rate (Rs.)	Per	Amount (Rs.)
1	2	4			5	6	7
02.11.02	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	625	156.25	781.25	100	8680
02.11.03	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	118.35	29.5875	147.94	100	1644
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	579.3	144.825	724.13	100 Rmt	724
02.11.05	Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; One more Watcher 8757 x 12 = 105084 / 15 = 7006/-	1	7006	0	7006.00	Ha	7006
	Unit Rate for 2019 -20						18054
	Unit Rate for 2020 -21						19860
	Unit Rate for 2021 -22						21845
	Unit Rate for 2022 -23						24030
	Unit Rate for 2023 -24						26433
	Unit Rate for 2024 -25						29076
	Unit Rate for 2025 -26						31984
	Unit Rate for 2026 -27						35182
	Unit Rate for 2027 -28						38701
	Unit Rate for 2028 -29						42571
	Unit Rate for 2029 -30						46828


Forest Divisional Officer,
Paloncha 

Unit Cost for 5th Year Maintenance of NTSB 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
02.11.02	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	625.00	156.25	781.25	100	8680
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	579.3	144.825	724.13	100 Rmt	724
	Unit Rate for 2019 -20						9404
	Unit Rate for 2020 -21						10345
	Unit Rate for 2021 -22						11379
	Unit Rate for 2022 -23						12517
	Unit Rate for 2023 -24						13769
	Unit Rate for 2024 -25						15145
	Unit Rate for 2025 -26						16660
	Unit Rate for 2026 -27						18326
	Unit Rate for 2027 -28						20159
	Unit Rate for 2028 -29						22174
	Unit Rate for 2029 -30						24392



 Forest Divisional Officer,
 Paloncha 

-301-

Unit Cost for 6th 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
02.11.03	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	118.35	29.588	147.94	100	1644
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	579.3	144.83	724.13	100 Rmt	724
	Unit Rate for 2019 -20						2368
	Unit Rate for 2020 -21						2605
	Unit Rate for 2021 -22						2865
	Unit Rate for 2022 -23						3152
	Unit Rate for 2023 -24						3467
	Unit Rate for 2024 -25						3814
	Unit Rate for 2025 -26						4195
	Unit Rate for 2026 -27						4615
	Unit Rate for 2027 -28						5076
	Unit Rate for 2028 -29						5584
	Unit Rate for 2029 -30						6142




Forest Divisional Officer,
Paloncha 

- 303 -

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

Unit Rate per Ha

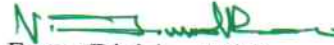
FSR Code	Item of work	Qty	Rate (Rs.)	Agency allowance 25%	Rate (Rs.)	Per	Amount (Rs.)
1	2	4			5	6	7
02.11.02	Circular weeding cum Deep soil working to a radius of 0.5 m and to a depth of 15 cm (to be done by pick-axe only) without damaging the plant. (July-Aug)- the work will be carried out between 1 m to 1.1 m in a ring formation- Hence 25% of cost adopted	1111	625.00	156.25	781.25	100	8680
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	579.3	144.825	724.13	100 Rmt	724
	Unit Rate for 2019 -20						9404
	Unit Rate for 2020 -21						10345
	Unit Rate for 2021 -22						11379
	Unit Rate for 2022 -23						12517
	Unit Rate for 2023 -24						13769
	Unit Rate for 2024 -25						15145
	Unit Rate for 2025 -26						16660
	Unit Rate for 2026 -27						18326
	Unit Rate for 2027 -28						20159
	Unit Rate for 2028 -29						22174
	Unit Rate for 2029 -30						24392
	Unit Rate for 2030 -31						26831


Forest Divisional Officer,
Paloncha 

-305-

Unit Cost for 8th Year Maintenance of NTSB 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
02.11.03	Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	118.35	29.5875	147.94	100	1644
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	579.30	144.825	724.13	100 Rmt	724
	Unit Rate for 2019 -20						2368
	Unit Rate for 2020 -21						2605
	Unit Rate for 2021 -22						2865
	Unit Rate for 2022 -23						3152
	Unit Rate for 2023 -24						3467
	Unit Rate for 2024 -25						3814
	Unit Rate for 2025 -26						4195
	Unit Rate for 2026 -27						4615
	Unit Rate for 2027 -28						5076
	Unit Rate for 2028 -29						5584
	Unit Rate for 2029 -30						6142
	Unit Rate for 2030 -31						6757


Forest Divisional Officer,
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-307-

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



Unit Rate per Ha							
FSR Code	Item of work	Qty	Rate (Rs.)	Agency allowenc e 25%	Rate (Rs.)	Per	Amount (Rs.)
1	2	4			5	6	7
02.11.02	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	625.00	156.25	781.25	100	8680
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	579.30	144.825	724.13	100 Rmt	724
	Unit Rate for 2019 -20						9404
	Unit Rate for 2020 -21						10345
	Unit Rate for 2021 -22						11379
	Unit Rate for 2022 -23						12517
	Unit Rate for 2023 -24						13769
	Unit Rate for 2024 -25						15145
	Unit Rate for 2025 -26						16660
	Unit Rate for 2026 -27						18326
	Unit Rate for 2027 -28						20159
	Unit Rate for 2028 -29						22174
	Unit Rate for 2029 -30						24392
	Unit Rate for 2031 -32						26831


 Forest Divisional Officer,
 Paloncha 

- 309 -

Unit Cost for 10th 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	3			4	5	6
02.11.03	Pruning of flower branch initials of Timber and NTFP species by scicature upto 1/3 rd height (to be done during July - Aug)	1111	118.35	29.588	147.94	100	1644
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	579.30	144.825	724.13	100 Rmt	724
	Unit Rate for 2019 -20						2368
	Unit Rate for 2020 -21						2605
	Unit Rate for 2021 -22						2865
	Unit Rate for 2022 -23						3152
	Unit Rate for 2023 -24						3467
	Unit Rate for 2024 -25						3814
	Unit Rate for 2025 -26						4195
	Unit Rate for 2026 -27						4615
	Unit Rate for 2027 -28						5076
	Unit Rate for 2028 -29						5584
	Unit Rate for 2029 -30						6142
	Unit Rate for 2030 -31						6757


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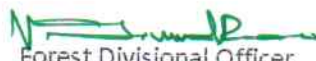
UNIT COST FOR RAISING OF PRIMARY BEDS

FSR-2019-20 Code	Item of work	Unit	Rate (Rs.)	Amount (Rs.)
2	3	4	5	6
01.00.00	Raising of primary beds			
01.01.01	Preparation of new site	Bed	4.95	4.95
01.01.03	Digging of soil of the demarcated beds	Bed	38.15	38.15
01.01.04	Cost of sandy soil and transportation	Bed	28.85	28.85
01.01.05	5 Kms to 25 Kms	Bed	26.15	26.15
01.01.06	Cost of FYM	Bed	24.80	24.80
01.01.07	Mixing of soil with FYM	Bed	10.85	10.85
01.01.08	Covering the beds	Bed	12.40	12.40
01.01.09	Soil drenching			
01.01.10	Cost of seed	Bed	200.00	200.00
01.01.12	Sowing of seed	Bed	12.35	12.35
01.01.13	Watering the primary nursery beds	45 Days	13.90	13.90
01.01.14	Kerbing the primary beds	Bed	27.00	27.00
01.01.15	Cost of chemicals	Bed	20.00	20.00
	Electrical Charges		20.00	20.00
	Total			439.40
	Rasing of seedlings 110% for abtaining 100%		10%	43.94
	Total			483.34
	cost of each plant (2000 plants per bed)			0.24


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UNIT COST FOR BAG PLANT NURSERY (NOVEMBER TO MARCH)



Sl. No.	FSR-2019-20 Code	Item of work	Unit	Rate (Rs.)	Amount (Rs.)
1	2	3	4	5	6
		Raising of bag plant nursery 5x9			
1	01.03.01	Site preparation	Bed	49.60	49.60
2	01.03.03	Cost of polythene bag, 175 x1.05x1700 / 290	Bed	1077.16	1077.16
3	01.03.04	Cost of transportation of ingredients for potting mixture (cost of coco pit)	Bed	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	01.03.08	Preparation of potting mixture (b) 12.5 cm x 22.5 (5" x 9")	Bed	1483.25	1483.25
7	01.03.09	Alignment of beds	Bed	7.60	7.60
8	01.03.10	Pricking out seedlings	Bed	140.70	140.70
9	01.03.12	Watering the plants (5 Months) a) Manually with rose cans or finely perforated nozzle	Bed	1365.50	1365.50
10	01.03.13	Weeding the beds (3 weedings)	Bed	150.45	150.45
11	01.03.14	Shifting, Grading and re-arranging (2 Gradings) twice	Bed	234.25	234.25
12	01.03.15	Replacement of casualties	Bed	66.50	66.50
13	01.03.16	Cost of foliar nutrient formulations	Bed	34.00	34.00
14	01.03.18	Weeding in the space (4 weedings)		136.80	136.80
15		Watch and Ward (100 Beds) (5 Months) 5x 8754.6 /100Beds		437.73	437.73
16		Electricity charges		200.00	200.00
		Total			7423.54
		add casualty 10%			742.35
		Grand Total			8165.89
		cost of each plant (1700 plants per bed)			4.80


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-317-

UNIT COST FOR MAINTENANCE OF BAG PLANTS (8"x12")



Sl. No.	FSR-2019-20 Code	Item of work	Unit	Rate (Rs.)	Amount (Rs.)
1	2	3	4	5	6
		Maintenance of Bag plants			
1	01.04.01	Watering poly bag (April to August)	Bed	1365.50	1365.50
2	01.04.02	Weeding	Bed	50.15	50.15
3	01.04.03	Shifting and grading	Bed	234.25	234.25
4	01.04.05	Cost of fertilizers	As per actuals	20.00	20.00
5	01.04.06	Cost and transportation of cow dung slurry	Bed	25.00	25.00
6	01.04.07	Weeding in the space between the beds	Bed	27.60	27.60
7		Watch and ward (5 months) (8754.60x5/100beds)		437.73	437.73
		Electricity charges		300.00	300.00
		Total			2460.23
8	01.04.08	Contingencies @ 5%			123.01
9		Total			2583.24
		cost of each plant (800 Plants per bed)			3.23


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-319-

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

Sl. No.	FSR-2019-20 Code	Item of work	Unit	Rate (Rs.)	Amount (Rs.)
1	2	3	4	5	6
		Conversion of bags from 5x9 to 8x12			
1		Cost and conveyance of coco husk/ red earth	1000 plants		2400.00
2	01.03.27	Preparation of potting mixture by powering of various ingredients 5"x9" to 8"x12" polybags	1000 plants	1695.45	1695.45
3	01.03.32	Stakes		2358.75	2358.75
4	01.03.33	Weeding the plants (50.15x2x1000/800)	1000 plants	125.38	125.38
	01.03.34	Shifting, Grading	1000 plants	234.25	234.25
5	01.03.35	Watering the plants manually twice a day Manually with rose can (5 Months)	1000 plants	1365.75	1365.75
6	01.03.37	Cost of Fertilizers		20.00	20.00
7		Watch and Ward (100 Beds) (5 Months) 5 x 8754.6	1000 plants	437.73	437.73
8		Cost of the ploythene bags (10000x1.15/86x175)		2340.12	2340.12
9		Electricity charges		400.00	400.00
		Total			11377.42
10	01.03.38	Contingencies @ 5%			568.87
		Total			11946.29
11		Add 10% Casuality			1194.63
		Grand Total			13140.92
12		cost of each plant			13.14


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-321-

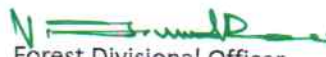
UNIT COST FOR MAINTENANCE OF BAG PLANTS (5"x9")

Sl. No.	FSR-2019-20 Code	Item of work	Unit	Rate	Amount
1	2	3	4	5	6
		Maintenance of Bag plants			
1	01.03.19	Watering poly bag (April to August)	Bed	1365.50	1365.50
2	01.03.20	Weeding (2 weedings)	Bed	100.30	100.30
3	01.03.21	Shifting and grading	Bed	234.25	234.25
		Electricity charges		200.00	200.00
		Watch and ward (5 months)		437.73	437.73
		Total			2337.78
		cost of each plant (1700 plants per bed)			1.38


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Unit Cost for Advance operations under BHA method (400 plants per ha)

FSR Item No.	Item of work	Qty	Rate in Rs	Per	Amount in Rs
02.19.01	Survey with GPS (Only staff to carry out)	1	356.65	Plantation	357
02.19.03	Alignment and staking including laying base line in espacement 5m x 5m (400 Nos)	400	85.10	100	340
02.19.04	Cost of 0.45 M Stake preparation and transportation to site.	400	54.25	100	217
02.19.05	Digging of pits in hard Gravelly soils (June-July)	400			
	II(b) (ii) Digging of 60 cm cube pit - Rs.19.50 for 45 cm cube pit	400	46.22	Pit	18489
SSR	Cost of earth	75	40.00	Cum	3000
SSR	Transportation of earth to plantation site including loading and unloading upto 5 km lead	75	80.00	Cum	6000
SSR	Transportation of earth to plantation site including loading and unloading beyond 5 Km - extra for every each Km. (15 km)	75	180.00	Cum	13500
02.19.06	Digging of trenches				
	Digging of trenches in hard Gravelly soils.	25	312.70	Cum	7818
	Unit cost for 2019 -20				49721


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-325-

Raising of Plantation under BHA with 5 x 5 espacement

FSR code No.	Item of the Work.	Qty	Rate in Rs	Per	Amount in Rs
	Filling of pits with tank silt and spreading around pit	400	9351.36	1000	3741
02.15.04	Transportation of Planting Stock (including loading and unloading) up to distance of 5 km (a) 20X30cm (8"X12") bag plants	400	196.60	100	786
02.15.06	Transportation of Planting Stock (including loading and unloading) more than 5 km distance and upto 25 km distance (a)20X30cm (8"X12") bag plants	400	153.00	100	612
02.15.06	Transport of Bag plants plants from nursery site to plantation site including loading and unloading beyond 5 Km - extra for every each Km. (20 Kms) 20X30cm (8"X12") bag plants	400	96.25	100	385
02.15.07	Internal transport of bag plants to planting points on head loads. 20X30cm (8"X12") bag plants	400	198.80	100	795
02.15.10	Cost of supporting stake of 2.5 m long, sturdy and straight and minimum 10cm girth at the base (bamboos are not supplied by the Dept.	400	1575.00	100	6300
02.20.02	Cost of SSP, Chloridine dust (50gm) or Chloropyriphos	400	1.00	1	400
02.20.01	Application of 50gm of SSP per pit (1 day before planting) for root growth and early establishment of plant after planting.	400	37.40	100	150
02.20.04	Planting in 60 cm cube Pit	400	924.65	100	3699
02.20.14	Dibbling of overnight-soaked Neem seeds, including cost of seeds on the mound	400	103.80	100	415
02.20.05	Watering (15 times)	400	3783.75	100	15135
	Weeding & Soil working				
02.20.08	1st Ciriclar weeding to a radius of 0.5 Mts around the plant after 30days of planting (July - Aug)	400	119.00	100	476
02.20.09	2nd Ciriclar weeding to a radius of 0.5 Mts around the plant after 90days of planting (Sept-Oct)	400	119.00	100	476
02.20.10	Deep soil working to a radius of 0.5 m and to a depth of 10cm (to be carried out during Nov - Dec) - For hard gravelly soil	400	625.00	100	2500
02.20.06	Replacement of Casualties 20% during Raising (50% of rate of original pitting rate during raising year and 100% during maintenance years. Planting, Transportation and internal transportation as prescribed above).				
	100 cm cube size in hard gravelly and moram Soil	80	23.11	Pit	1849
	Transportation (Upto 5 Kms)	80	196.60	100	157
	Transportation (Upto 5 to 25 Kms)	80	153.00	100	122
	Transportation (Beyond 25 Kms)	80	96.25	100	77
	Internal transportation	80	198.80	100	159
	Planting in 60 cm cube Pit	80	924.65	100	740
02.20.07	Application of fertilizer				
	(a) Cost of DAP @ 25gm/planting point	400	0.70	1	280
	(b) Application of fertilizer in August (30days after planting) by making 3 holes of 10cm depth with crow bar holes at a distance of 10cm away from plant and putting fertilizers and closing.	400	37.40	100	150
02.20.11	Creation of Fire lines 3 m wide inside the plantation	400	5.85	1	2340
02.20.14	Seed Broadcasting and Dibbling				
	(a)Dibbling of overnight-soaked seeds, including cost of seeds on the mound	1	103.80	Ha	104
	b) Broadcasting of orthodox hard-coated treated seeds (with hot water treatment)	1	1238.35	Ha	1238
02.20.16	Watch & Ward (One watcher is allowed for 10 - 30 ha. plantation. If the area is less than 10ha, prior approval of Conservator of Forests is required.) 8757 x 9 = 78813 / 15 = 5254/-	1	5254.00	1	5254

Unit cost for 2019 - 20

48339


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-327-

1 year maintenance of Plantation under BHA with 5 x 5 espacement

FSR Code	Item of work	Qty	Rate in Rs	Per	Amount in Rs
01.03.05	Cost of transportation of soil mixtue for filling the pit and spreading around the pit - 25 % of pit - 0.25 x 0.6 cm x 0.6 cm x 0.6 cm	21.6	310.86	cum	6715
02.21.00	Replacement of Casualties: 20% during Raising Year & 25% in 1st year The caualty replacement should be done in 3 stages at an interval of 15 days immediately after planting during raising year.	50% of unit rate of original pitting during raising year and 100% during maint. year. Planting, transportation and internal transportation same as adopted during raising year			
	Pitting of 60 cm cube size in hard gravelly and moram Soil (Manual)	100	46.22	Each	4622
	Transportation (Upto 5 Kms)	100	196.60	100 Nos.,	197
	Transportation (Upto 5 to 25 Kms)	100	153.00	100 Nos.,	153
	Transportation (Beyond 25 Kms)	100	96.25	100 Nos.,	96
	Internal transportation	100	198.80	100 Nos.,	199
	Planting in 60 cm cube Pit (for 45 cm ³ pit - Rs.381.54) - (Prop Cost)	100	924.65	100 Nos.,	925
02.21.02	1st Ciriclar weeding to a radius of 0.5 Mts around the plant after 30days of planting (July - Aug) - 50%	400	119.00	100	476
02.21.03	2nd Ciriclar weeding to a radius of 0.5 Mts around the plant after 90days of planting (Sept-Oct) - 50%	400	119.00	100	476
02.21.04	Deep soil working to a radius of 0.5 m and to a depth of 10cm (to be carried out during Nov - Dec) - For hard gravelly soil	400	625.00	100	2500
02.20.05	Watering (12 times)	400	3027.00	100	12108
02.20.07	Application of fertilizer				
	(a) Cost of DAP @ 25gm/planting point	400	0.70	1	280
	(b) Application of fertilizer in August (30days after planting) by making 3 holes of 10cm depth with crow bar holes at a distance of 10cm away from plant and putting fertilizers and closing.	400	37.40	100	150
02.21.05	Pruning of lower branch initials by scicature upto 1/3 rd height (to be undertaken during October)	400	118.35	100	473
03.05.01	Maintenance of fire lines (5.00 m width) including cutting back of rank growth and burning - propotionate cost - 0.60 times	100	579.30	100 Rmt	579
02.21.08	Watch & Ward (One watcher is allowed for 10 ha. plantation. If the area is less prior approval of Conservator of Forests is required. Provided the survival is 80% at the end of raising year.) $8757 \times 12 = 105084 / 15 = 7006/-$	1	7006.00	1	7006

Unit cost for 2019 - 20

36955


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FSR Code	Item of work	Qty	Rate in Rs	Per	Amount in Rs
02.21.00	Replacement of Casualties: 20% during Raising Year & 25% in 1st year The casualty replacement should be done in 3 stages at an interval of 15 days immediately after planting during raising year. - 10% proposed	50% of unit rate of original pitting during raising year and 100% during maint. year. Planting, transportation and internal transportation same as adopted during raising year			
02.15.03	Pitting of 60 cm cube size in hard gravelly and moram Soil (Manual)	40	46.22	Each	1849
	Transportation (Upto 5 Kms)	40	196.60	100 Nos.,	79
	Transportation (Upto 5 to 25 Kms)	40	153.00	100 Nos.,	61
	Transportation (Beyond 25 Kms)	40	96.25	100 Nos.,	39
	Internal transportation	40	198.80	100 Nos.,	80
	Planting in 60 cm Pit (for 45 cm ³ pit - Rs.381.54) - (Prop Cost)	40	924.65	100 Nos.,	370
02.15.15	Watering (5 times)	400	1261.25	100	5045
02.20.07	Application of fertilizer				
	(a) Cost of DAP @ 25gm/planting point	400	0.70	1	280
	(b) Application of fertilizer in August (30days after planting) by making 3 holes of 10cm depth with crow bar holes at a distance of 10cm away from plant and putting fertilizers and closing.	400	37.40	100	150
02.22.01	1st Circular weeding to a radius of 0.5 Mts around the plant after 30days of planting (July - Aug)	400	119.00	100	476
02.22.02	2nd Circular weeding to a radius of 0.5 Mts around the plant after 90days of planting (Sept-Oct)	400	119.00	100	476
02.22.03	Deep soil working to a radius of 0.5 m and to a depth of 10cm (to be carried out during Nov - Dec) - For hard gravelly soil	400	625.00	100	2500
02.21.05	Pruning of lower branch initials by scicature upto 1/3 rd height (to be undertaken during October)	400	118.35	100	473
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	579.30	100 Rmt	579
02.22.06	Watch & Ward (One watcher is allowed for 10 ha. plantation. If the area is less prior approval of Conservator of Forests is required. Provided the survival is 80% at the end of raising year.) $8757 \times 12 = 105084 / 15 = 7006/-$	1	7006.00	1	7006

Unit cost for 2019 - 20

19463


 Forest Divisional Officer
 Paloncha

III year maintenance of Plantation under BHA with 5 x 5 espacement

FSR Code	Item of work	Qty	Rate in Rs	Per	Amount in Rs
02.22.01	1st Circular weeding to a radius of 0.5 Mts around the plant after 30days of planting (July - Aug)	400	119.00	100	476
02.22.03	Deep soil working to a radius of 0.5 m and to a depth of 10cm (to be carried out during Nov - Dec) - For hard gravelly soil	400	625.00	100	2500
02.21.05	Pruning of lower branch initials by scicature upto 1/3 rd height (to be undertaken during October)	400	118.35	100	473
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	579.30	100 Rmt	579
02.22.06	Watch & Ward (One watcher is allowed for 10 ha. plantation. If the area is less prior approval of Conservator of Forests is required. Provided the survival is 80% at the end of raising year.) $8757 \times 12 = 105084 / 15 = 7006/-$	1	7006.00	1	7006

Unit cost for 2019 - 20

11035


Forest Divisional Officer
Paloncha 

IV year maintenance of Plantation under BHA with 5 x 5 espacement

FSR Code	Item of work	Qty	Rate in Rs	Per	Amount in Rs
02.22.01	1st Circular weeding to a radius of 0.5 Mts around the plant after 30days of planting (July - Aug)	400	119	100	476
02.22.03	Deep soil working to a radius of 0.5 m and to a depth of 10cm (to be carried out during Nov - Dec) - For hard gravelly soil	400	625	100	2500
02.21.05	Pruning of lower branch initials by scicature upto 1/3 rd height (to be undertaken during October)	400	118.35	100	473
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	579.30	100 Rmt	579
02.22.06	Watch & Ward (One watcher is allowed for 10 ha. plantation. If the area is less prior approval of Conservator of Forests is required. Provided the survival is 80% at the end of raising year.) $8757 \times 12 = 105084 / 15 = 7006/-$	1	7006.00	1	7006

Unit cost for 2019 - 20

11035


 Forest Divisional Officer
 Paloncha 

- 335 -

V year maintenance of Plantation under BHA with 5 x 5 espacement

FSR Code	Item of work	Qty	Rate in Rs	Per	Amount in Rs
02.22.03	Deep soil working to a radius of 0.5 m and to a depth of 10cm (to be carried out during Nov - Dec) - For hard gravelly soil - upto 0.75 m - 1 time	400	625.000	100	2500
02.21.05	Pruning of lower branch initials by scicature upto 1/3 rd height (to be undertaken during October)	400	118.35	100	473
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	579.30	100 Rmt	579

Unit cost for 2019 - 20

3553


Forest Divisional Officer
Paloncha 

-337-

VI year maintenance of Plantation under BHA with 5 x 5 espacement

FSR Code	Item of work	Qty	Rate in Rs	Per	Amount in Rs
02.21.05	Pruning of lower branch initials by scicature upto 1/3 rd height (to be undertaken during October)	400	118.35	100	473.4
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	579.30	100 Rmt	579

Unit cost for 2019 - 20

1053


Forest Divisional Officer
Paloncha 

VII year maintenance of Plantation under BHA with 5 x 5 espacement

FSR Code	Item of work	Qty	Rate in Rs	Per	Amount in Rs
02.22.03	Deep soil working to a radius of 0.5 m and to a depth of 10cm (to be carried out during Nov - Dec) - For hard gravelly soil - upto 0.75 m - 1 time	400	625	100	2500
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	579.30	100 Rmt	579
	Unit cost for 2019 -20				3079


Forest Divisional Officer
Paloncha 



-341-

VIII year maintenance of Plantation under BHA with 5 x 5 espacement

FSR Code	Item of work	Qty	Rate in Rs	Per	Amount in Rs
02.21.05	Pruning of lower branch initials by scicature upto 1/3 rd height (to be undertaken during October)	400	118.35	100	473
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	579.30	100 Rmt	579

Unit cost for 2019 -20

1053


Forest Divisional Officer
Paloncha 

IX year maintenance of Plantation under BHA with 5 x 5 espacement

FSR Co. e	Item of work	Qty	Rate in Rs	Per	Amount in Rs
02.22.03	Deep soil working to a radius of 0.5 m and to a depth of 10cm (to be carried out during Nov - Dec) - For hard gravelly soil - upto 0.75 m - 1 time	400	625.000	100	2500
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	579.30	100 Rmt	579
Unit cost for 2019 -20					3079


 Forest Divisional Officer
 Paloncha 

-345-

X year maintenance of Plantation under BHA with 5 x 5 espacement

FSR Code	Item of work	Qty	Rate in Rs	Per	Amount in Rs
02.21.05	Pruning of lower branch initials by scicature upto 1/3 rd height (to be undertaken during October)	400	118.35	100	473.4
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	579.30	100 Rmt	579
	Unit cost for 2019 -20				1053


Forest Divisional Officer
Paloncha 