

- 319 -
UNIT COST FOR RAISING OF PRIMARY BEDS FSR 2018-19

| Sl. No. | SR-2018-19 Code | Item of work | Unit | 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 | 4.72 | 4.72 |
| 3 | 01.01.03 | Digging of soil of the demarcated beds | Bed | 36.32 | 36.32 |
| 4 | 01.01.04 | Cost of sandy soil and transportation up to 5Kms lead | Bed | 28 | 28.00 |
| 5 | 01.01.05 | 5 Kms to 25 Kms (20 Kms) | Bed | 22.20 | 22.20 |
| 6 | 01.01.06 | Cost of FYM | Bed | 24.06 | 24.06 |
| 7 | 01.01.07 | Mixing of soil with FYM | Bed | 10.32 | 10.32 |
| 8 | 01.01.08 | Covering the beds | Bed | 11.79 | 11.79 |
| 9 | 01.01.09 | Soil drenching By Nursery Watcher | | | 0.00 |
| 10 | 01.01.10 | Cost of seed | Bed | L.S amount | 300.00 |
| 11 | 01.01.12 | Sowing of seed | Bed | 11.74 | 11.74 |
| 12 | 01.01.13 | Watering the primary nursery beds | 2 | 13.21 | 26.42 |
| 13 | 01.01.14 | Kerbing the primary beds | Bed | L.S amount | 27.50 |
| 14 | 01.01.15 | Cost of chemicals | Bed | 20.00 | 20.00 |
| 16 | | Electrical Charges | | 20.00 | 20.00 |
| 17 | | Application of fungisides & insectisides with power driven backpack mechanized sprayer ... to spray insecticides (BY nursery watcher) | | | 0.00 |
| | | Total | | | 543.07 |
| | | Rasing of seedlings 110% for obtaining 100% | | 10% | 54.31 |
| | | Total | | | 597.38 |
| | | cost of each plant (2000 plants per bed) - 2018-19 | | | 0.30 |

District Forest Officer,
Jagtial

- 321 -
UNIT COST FOR BAG PLANT NURSERY (FEB TO MARCH)

| Sl. No. | FSR-2018-19 Code | Item of work | Unit | Rate (Rs.) | Amount (Rs.) |
|---------|------------------|--|------|------------|----------------|
| 1 | 2 | 3 | 4 | 5 | 7 |
| | | Raising of bag plant nursery 5x9 | | | |
| 1 | 01.03.01 | Site preparation | Bed | 48.18 | 48.18 |
| 2 | 01.03.03 | Cost of polythene bag (5"X9") 12.50 x22.5 4.64 Kg. + extra 15% = 5.336 Kgs. | Bed | 848.42 | 848.42 |
| 3 | 01.03.05 | Cost of transportation of ingredients for potting mixture distance upto 5km | Bed | 382.98 | 651.06 |
| | 01.03.06 | for 5kms to 25kms (20 Kms.) | | 199.60 | 339.32 |
| | 01.03.07 | Cost of Chemical Component | Bed | LS | 20.00 |
| 6 | 01.03.08 | Preparation of potting mixture (b) 12.5 cm x 22.5 (5" x 9") | Bed | 907.40 | 1542.58 |
| 7 | 01.03.09 | Alignment of beds | Bed | 7.20 | 7.20 |
| 8 | 01.03.11 | Pricking out seedlings | Bed | 134.03 | 227.85 |
| 9 | 01.03.12 | Watering the plants (5 Months) a) Manually with rose cans or finely perforated nozzle | Bed | 260.10 | 1300.50 |
| 10 | 01.03.13 | Weeding the beds (1 weedings) | Bed | 47.76 | 47.76 |
| 11 | 01.03.14 | Shifting, Grading and re-arranging | Bed | 223.07 | 223.07 |
| 12 | 01.03.15 | Replacement of casualties | Bed | 63.34 | 63.34 |
| 13 | 01.03.16 | Cost of foliar nutrient formulations | Bed | 40.00 | 40.00 |
| 14 | 01.03.17 | Application of prophylastic foliar spray (By Nursery watcher) | | | 0.00 |
| 15 | 01.03.18 | Weeding in the space (4 weedings) | | 130.20 | 0.00 |
| 16 | | Watch and Ward (100 Beds) (5 Months) 5x 8340/100Beds | | 417.00 | 417.00 |
| 17 | | Electricity charges | | 200.00 | 200.00 |
| | | | | | |
| | | Total | | | 5976.28 |
| | | add casualty 10% | | | 597.63 |
| | | Grand Total | | | 6573.91 |
| | | cost of each plant (1700 plants per bed) | | | 3.87 |


District Forest Officer,
Jagtial

- 323 -

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

| Sl. No. | FSR-2018-19 Code | Item of work | Unit | Rate | Amount |
|---------|------------------|--|------|--------|----------------|
| 1 | 2 | 3 | 4 | 5 | 7 |
| | | Maintenance of Bag plants | | | |
| 1 | 01.03.19 | Watering poly bag twice a day (April to August) a) Mannually | Bed | 260.10 | 1300.50 |
| 2 | 01.03.20 | Weeding (2 weedings) | Bed | 47.76 | 95.52 |
| 3 | 01.03.21 | Shifting and grading (2 times) | Bed | 223.07 | 446.14 |
| | | Electricity charges | | 200.00 | 200.00 |
| | | Watch and ward (5 months) | | 417.00 | 417.00 |
| | | Total | | | 2459.16 |
| | | cost of each plant (1700 plants per bed) | | | 1.45 |


 District Forest Officer,
 Jagtial

- 325 -

**UNIT COST FOR CONVERSION FROM 5"x9" to 8"x12" (1000 plants)
NOVEMBER TO MARCH**

| Sl. No. | FSR-2018-19 Code | Item of work | Unit | Rate (Rs.) | Amount (Rs.) |
|---------|------------------|--|-----------|------------|-----------------|
| 1 | 2 | 3 | 4 | 5 | 7 |
| | | Conversion of bags from 5x9 to 8x12 | | | |
| 1 | 01.03.24 | Cost & transportation of ingredients for potting mixture up to 5.00 Kms. | 1000 Bags | 950.46 | 950.46 |
| | 01.03.25 | Up to 5 Km. to 25 Km. (20 Kms) | 1000 Bags | 24.06 | 481.20 |
| | 01.03.26 | Cost of Chemical Component | 1000 Bags | LS | 20.00 |
| 2 | 01.03.27 e | Preparation of potting mixture by powering of various ingredients 5"x9" to 8"x12" polybags | 1000 Bags | 1614.72 | 1614.72 |
| 3 | 01.03.32 | Stakes | 1000 Bags | 2246.40 | 2246.40 |
| 4 | 01.03.33 | Weeding the plants (47.76 x 2 x 1000 / 800) | 1000 Bags | 119.40 | 119.40 |
| | 01.03.34 | Shifting, Grading (223.07 x 1000 / 800) | 1000 Bags | 278.84 | 278.84 |
| 5 | 01.03.35 a | Watering the plants manually twice a day Manually with rose can (5 Months) (Nov to March) | 1000 Bags | 260.10 | 1300.05 |
| | 01.03.36 | Application of prophylastic foliar spray (By Nursery) | | | 0.00 |
| 6 | 01.03.37 | Cost of Fertilizers | | LS | 20.00 |
| 7 | 01.04.04 | Watch and Ward (100 Beds) (5 Months) | 1000 Bags | 416.87 | 416.87 |
| 8 | | Cost of the ploythene bags 11.62 Kg. + 15% extra = 13.363 Kgs. @ 159 | 13.363 | 159.00 | 2124.72 |
| 9 | 01.03.39 | Electricity charges | | LS | 400.00 |
| | | Total | | | 9972.66 |
| 10 | 01.03.38 | Contingencies @ 5% | | | 299.18 |
| | | Total | | | 10271.84 |
| 11 | | Add 10% Casuality | | | 1027.18 |
| | | Grand Total | | | 11299.02 |
| 12 | | cost of each plant | | | 11.30 |

District Forest Officer,
Jagtial

UNIT COST FOR MAINTENANCE OF BAG PLANTS 8"x12" till disposal

| Sl. No. | FS 2018-19 Code | Item of work | Unit | Rate (Rs.) | Amount (Rs.) |
|---------|-----------------|---|----------------|------------|----------------|
| 1 | 2 | 3 | 4 | 5 | 7 |
| | | Maintenance of Bag plants | | | |
| 1 | 01.04.01 | Watering poly bag (April to August) 5 Months | Bed | 260.01 | 1300.05 |
| 2 | 01.04.02 | Weeding | Bed | 47.76 | 47.76 |
| 3 | 01.04.03 | Shifting and grading (2 times) | Bed | 233.07 | 466.14 |
| 4 | 01.04.05 | Cost of fertilizers | As per actuals | LS | 0.00 |
| 5 | 01.04.06 | Cost and transportation of cow dung slurry | Bed | LS | 25.00 |
| 6 | 01.04.07 | Weeding in the space between the beds | Bed | 26.30 | 26.30 |
| 7 | | Watch and ward (5 months) (8340x5/100beds) | | 416.87 | 416.87 |
| | | Electricity charges | | LS | 300.00 |
| 8 | 01.05.01 | Watering the plants for 10 m X 1 m size secondary bed | Bed / month | 157.79 | 1577.90 |
| 9 | 01.05.02 | Shifting, grading and rearrangement in beds - 3 times | Bed/shifting | 223.07 | 669.21 |
| 10 | | Watch and ward (5 months) (8340x5/100beds) | | 833.74 | 833.74 |
| | | Total | | | 5662.97 |
| 11 | 01.04.08 | Contingencies @ 5% | | | 283.15 |
| | | Grand Total | | | 5946.12 |
| | | | | | |
| | | cost of each plant (800 Plants per bed) | | | 7.43 |

| | |
|------------------------------|-------------|
| Unit Cost for 2018-19 | 7.43 |
| Unit Cost for 2019-20 | 8.17 |
| Unit Cost for 2020 -21 | 8.99 |
| Unit Cost for 2021-22 | 9.89 |

**District Forest Officer,
Jagtial**

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Advance Operations under Labour Intensive Method -1000 Plants/Ha

Unit area 1.00 Ha,

| FSR Item No. | Description | Quantity | Rate (Rs.) | Per | Amount (Rs.) |
|-----------------------|--|----------|------------|------------|--------------|
| | ADVANCE OPERATION (PRE-PLANTING OPERATION) | | | | |
| 02.19.01 | Survey with hand-held GPS and demarcation - one manday is allowed for assistance. | 1 | 339.66 | Plantation | 340 |
| 02.01.02 | Clearance unsalable unwanted jungle growth Spreading the cut material all over the site; and Burning the same twice till completely burnt. | | | | |
| | (a) Sparse Jungle growth (<10% ground area) | 0.40 | 1887.86 | Ha | 755 |
| | (b) Very light jungle growth (>10% and upto 20%) | 0.40 | 2837.66 | Ha | 1135 |
| | (c) Light Junelg Growht (>20%) | 0.20 | 5686.75 | Ha | 1137 |
| 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 | 5.55 | Rmt | 555 |
| 02.19.03 | Alignment and stacking including demarcation of baseline | | | | |
| | (a) 3x3 m espacement | 1000 | 81.03 | 100 No's | 810 |
| 02.19.04 | Cost of preparation of stakes (0.45 m length) and transportation to site | 1000 | 51.65 | 100 No's | 517 |
| 02.19.05 | Digging of pits during January to March | | | | |
| | (b) (ii) 45 cm cube size (0.09113 cum) in hard gravelly and moram Soil (Manual) | 1000 | 23.18 | Each | 23180 |
| SSR | Transportation of earth to plantation site including loading and unloading beyond 5 Km - extra for every each Km. (15 Kms) (0.09113 cum per pit) (deduct 25%) | 68 | 169.00 | Cum | 11551 |
| | | | Total | | 39980 |
| Unit Rate for 2018-19 | | | | | 39980 |

0.091125

District Forest Officer,
Jagtial

Raising of Plantation under Labour Intensive Method -1000 Plants/Ha

1000

Unit area 1.00 Ha,

| FSR Item No. | Description | Quantity | Rate (Rs.) | Per | Amount (Rs.) |
|--------------|---|--|------------|-----------|--------------|
| | Planting Operations during raising year | | | | |
| 02.02.01 | Transportation of planting stock (including loading and unloading upto a distance of 5 Kms) | | | | |
| | © 20 X 30 cm (8" x 12") bag plants | 1000 | 190.84 | 100 Nos., | 1908.00 |
| 02.02.02 | Transportation of Planting Stock (including loading and unloading) more than 5 km distance and upto 25 km distance | | | | |
| | 20 X 30 cm (8"X12") bag plants | 1000 | 148.60 | 100 Nos., | 1486.00 |
| 02.02.03 | Transportation of Planting Stock (including loading and unloading) more than 25 km distance and for every extra km (with prior written approval of Circle Head) | | | | |
| | (c) 20 X 30 cm (8"X12") bag plants | 1000 | 74.40 | 100 Nos., | 744.00 |
| 02.02.04 | Internal transportation to planting points on head loads | | | | |
| | (c) 20 X 30 cm (8"X12") bag plants | 1000 | 128.79 | 100 Nos., | 1288 |
| | PLANTING: Seedlings of local species of secondary hardwood along with their associates and NTFP species will have to be chosen for planting. The minimum height of the planting stock to be planted is 0.75 m - 1m height (excluding the height of the bag) | | | | |
| 02.02.05 | Application of 50 gm of SSP per pit (1 day before planting) for root growth and early establishment of plant after planting. Similarly, the bag plants to be planted are to be dipped inside Chloropyrphos solution (5 ml of Chloropyrphos in 1 lit water) either at nursery site before transport or at plantation site before planting | 1000 | 35.62 | 100 Nos., | 356 |
| 02.02.06 | Cost of SSP, Chloridine dust (50 gm) or Chloropyrphos (1000 x Rs. 2/-) | As per actual | 2000 | Ha. | 2000 |
| 02.02.08 | Planting in 45 cm cubic pit | 1000 | 396.80 | 100 Nos., | 3968 |
| 02.15.10 | Cost of supporting stake of 2.5 m long sturdy and straight and minimum 10 cm girth at base | 1000 | 1500.00 | 100 Nos., | 15000 |
| 02.02.09 | Watering to the plants - 12 waterings | 1000 | 2882.88 | 100 Nos., | 28829 |
| 02.02.10 | 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. | 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 | | | |
| | 45 cm cube size in hard gravelly and moram Soil (Manual) | 200 | 11.59 | Each | 2318 |
| | Transportation (Upto 5 Kms) | 200 | 190.84 | 100 Nos., | 382 |
| | Transportation (Upto 5 to 25 Kms) | 200 | 148.60 | 100 Nos., | 297 |
| | Transportation (Beyond 25 Kms) | 200 | 74.40 | 100 Nos., | 149 |
| | Internal transportation | 200 | 128.79 | 100 Nos., | 258 |
| | Planting in 45 cm cubic pit | 200 | 396.80 | 100 Nos., | 794 |
| 02.02.11 | Cost of DAP @ 25 gm / planting point | 1000 | 0.70 | Each | 700 |
| 02.02.12 | Application of fertilizer | 1000 | 35.62 | 100 Nos., | 356 |
| 02.02.13 | 1st circular weeding to a radius of 0.50 m around the plant after 30 days of planting (i.e. July - Aug) | 1000 | 113.34 | 100 Nos., | 1133 |
| 02.02.14 | 2nd circular weeding to a radius of 0.50 m around the plant 90 days after planting (i.e. Sept - Oct) | 1000 | 113.34 | 100 Nos., | 1133 |

| FSR Item No. | Description | Quantity | Rate (Rs.) | Per | Amount (Rs.) |
|------------------------|---|----------|--------------|-----------|--------------|
| 02.02.15 | Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec) | | | | |
| | (b) For hard gravelly soil | 1000 | 595.23 | 100 Nos., | 5952 |
| 02.02.16 | Cutting of coppice growth flush to the ground to reduce the competition over the entire area duly retaining useful species after planting and placing the cut material in between the planting rows (to be undertaken during July - August) | | | | |
| | (b) High rainfall zone > 800 mm (for Warangal, Khammam & Adilabad Circle.) | 1 | 1327.25 | Ha. | 1327 |
| 02.09.24 | Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; | 1 | 5919.09 | Ha | 5919 |
| | | | Total | | 76297 |
| Unit Rate for 2018 -19 | | | | | 76297 |


 District Forest Officer,
 Jagtial

1st year maintenance of Plantation under Labour Intensive Method -1000 Plants/Ha

1000

Unit area 1.00 Ha,

| FSR Item No. | Description | Quantity | Rate (Rs.) | Per | Amount (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 0.45 cm x 0.45 cm x 0.45 cm | 22.825 | 310.86 | cum | 7095 |
| 02.03.01 | Replacement of Casualties: 20% during Raising Year & 25% in 1 st year The casualty replacement should be done in 3 stages at an interval of 15 days immediately after planting during raising year. | 100% 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 | | | |
| | 45 cm cube size (0.216 cum) in hard gravelly and moram Soil (Manual) | 250 | 23.18 | Each | 5795 |
| | Transportation (Upto 5 Kms) | 250 | 190.84 | 100 Nos., | 477 |
| | Transportation (Upto 5 to 25 Kms) | 250 | 148.60 | 100 Nos., | 372 |
| | Transportation (Beyond 25 Kms) | 250 | 74.40 | 100 Nos., | 186 |
| | Internal transportation | 250 | 128.79 | 100 Nos., | 322 |
| | Planting in 45 cm cubic pit | 250 | 396.80 | 100 Nos., | 992 |
| 02.02.11 | Cost of DAP @ 25 gm / planting point | 1000 | 0.70 | Each | 700 |
| 02.02.09 | Watering to the plants - 8 times | 1000 | 1921.92 | 100 Nos., | 19219 |
| 02.03.02 | 1 st circular weeding to a radius of 0.50 m around the plant after 30 days of planting (i.e. July - Aug) | 1000 | 113.34 | 100 Nos., | 1133 |
| 02.03.03 | 2 nd circular weeding to a radius of 0.50 m around the plant 90 days after planting (i.e. Sept - Oct) | 1000 | 113.34 | 100 Nos., | 1133 |
| 02.03.04 | Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec) | | | | |
| | (b) For hard gravelly soil | 1000 | 595.23 | 100 Nos., | 5952 |
| 02.03.05 | Cutting of coppice growth flush to the ground to reduce the competition over the entire area duly retaining useful species after planting and placing the cut material in between the planting rows (to be undertaken during July - August) | | | | |
| | (b) High rainfall zone > 800 mm (for Warangal, Khammam & Adilabad Circle.) | 1 | 1327.25 | Ha. | 1327 |
| 02.03.06 | Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height during October | 1000 | 112.69 | 100 Nos., | 1127 |
| 03.05.01 | Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times | 400 | 551.70 | 100 Rmt | 2207 |
| 02.10.09 | Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; | 1 | 7892.12 | Ha | 7892 |
| | | | Total | | 55929 |
| | | Unit Rate for 2018 -19 | | | 55929 |

District Forest Officer,
Jagtial

- 337 -

2nd year maintenance Plantatation under Labour Intensive Method -1000 Plants/Ha

1000

Unit area 1.00 Ha,

| FSR Item No. | Description | Quantity | Rate (Rs.) | Per | Amount (Rs.) |
|------------------------|--|----------|------------|-----------|--------------|
| 02.02.11 | Cost of DAP @ 25 gm / planting point | 1000 | 0.70 | Each | 700 |
| 02.04.01 | 1 st circular weeding to a radius of 0.50 m around the plant after 30 days of planting (i.e. July - Aug) | 1000 | 113.34 | 100 Nos., | 1133 |
| 02.04.02 | 2 nd circular weeding to a radius of 0.50 m around the plant 90 days after planting (i.e. Sept - Oct) | 1000 | 113.34 | 100 Nos., | 1133 |
| 02.04.03 | Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec) | | | | |
| | (b) For hard gravelly soil | 1000 | 595.23 | 100 Nos., | 5952 |
| 02.04.04 | Cutting of coppice growth | | | | |
| | High rainfall zone > 800 mm (for Warangal, Khammam & Adilabad Circle.) | 1 | 1327.25 | Ha. | 1327 |
| 02.03.06 | Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height during October | 1000 | 112.69 | 100 Nos., | 1127 |
| 03.05.01 | Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times | 400 | 551.70 | 100 Rmt | 2207 |
| 02.02.20 | Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; | 1 | 7892.12 | Ha | 7892 |
| | | | Total | | 21471 |
| Unit Rate for 2018 -19 | | | | | 21471 |

District Forest Officer,
Jagtial

- 339 -

3rd year maintenance Plantatation under Labour Intensive Method -1000 Plants/Ha

1000

Unit area 1.00 Ha,

| FSR Item No. | Description | Quantity | Rate (Rs.) | Per | Amount (Rs.) |
|--------------|--|----------|------------------------|-----------|--------------|
| 02.04.01 | 1 st circular weeding to a radius of 0.50 m around the plant after 30 days of planting (i.e. July - Aug) | 1000 | 113.34 | 100 Nos., | 1133 |
| 02.04.03 | Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec) | | | | |
| | (b) For hard gravelly soil | 1000 | 595.23 | 100 Nos., | 5952 |
| 02.03.06 | Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height during October | 1000 | 112.69 | 100 Nos., | 1127 |
| 03.05.01 | Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times | 400 | 551.70 | 100 Rmt | 2207 |
| 02.04.06 | Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; | 1 | 7892.12 | Ha | 7892 |
| | | | Total | | 18311 |
| | | | Unit Rate for 2018 -19 | | 18311 |


District Forest Officer,
Jagtial

- 341 -

4th year maintenance Plantatation under Labour Intensive Method with -1000 Plants/Ha

Unit area 1.00 Ha,

| FSR Item No. | Description | Quantity | Rate (Rs.) | Per | Amount (Rs.) |
|--------------|--|----------|------------------------|-----------|--------------|
| 02.04.01 | 1 st circular weeding to a radius of 0.50 m around the plant after 30 days of planting (i.e. July - Aug) | 1000 | 113.34 | 100 Nos., | 1133 |
| 02.04.03 | Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec) | | | | |
| | (b) For hard gravelly soil | 1000 | 595.23 | 100 Nos., | 5952 |
| 02.03.06 | Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height during October | 1000 | 112.69 | 100 Nos., | 1127 |
| 03.05.01 | Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times | 400 | 551.70 | 100 Rmt | 2207 |
| 02.11.05 | Cost of Protection: One Watcher is allowed for 10-30 ha. plantation; | 1 | 7892.12 | Ha | 7892 |
| | | | Total | | 18311 |
| | | | Unit Rate for 2018 -19 | | 18311 |

District Forest Officer,
Jagtial

5th year maintenance Plantatation under Labour Intensive Method -1000 Plants/Ha

Unit area 1.00 Ha,

| FSR Item No. | Description | Quantity | Rate (Rs.) | Per | Amount (Rs.) |
|------------------------|--|----------|------------|-----------|--------------|
| 02.03.06 | Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height during October | 1000 | 113.34 | 100 Nos., | 1133 |
| 02.04.03 | Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec) | | | | |
| | (b) For hard gravelly soil -1 time | 1000 | 595.23 | 100 Nos., | 5952 |
| 03.05.01 | Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times | 400 | 551.70 | 100 Rmt | 2207 |
| | | | Total | | 9292 |
| Unit Rate for 2018 -19 | | | | | 9292 |


District Forest Officer,
Jagtial

-345-

6th year maintenance Plantatation under Labour Intensive Method with 3m x 3m espacement

Unit area 1.00 Ha,

| FSR Item No. | Description | Quantity | Rate (Rs.) | Per | Amount (Rs.) |
|------------------------|---|----------|------------|-----------|--------------|
| 02.03.06 | Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height during October | 1000 | 112.69 | 100 Nos., | 1127 |
| 03.05.01 | Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times | 400 | 551.70 | 100 Rmt | 2207 |
| | | | Total | | 3334 |
| Unit Rate for 2018 -19 | | | | | 3334 |


District Forest Officer,
Jagtial

-347-

7th year maintenance Plantatation under Labour Intensive Method with 3m x 3m espacement

Unit area 1.00 Ha,

| FSR Item No. | Description | Quantity | Rate (Rs.) | Per | Amount (Rs.) |
|--------------|--|----------|------------------------|-----------|--------------|
| 02.04.03 | Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec) | | | | |
| | (b) For hard gravelly soil -1 time | 1000 | 595.23 | 100 Nos., | 5952 |
| 03.05.01 | Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times | 400 | 551.70 | 100 Rmt | 2207 |
| | | | Total | | 8159 |
| | | | Unit Rate for 2018 -19 | | 8159 |

District Forest Officer,
Jagtial

- 349 -

8th year maintenance Plantatation under Labour Intensive Method with 3m x 3m espacement

Unit area 1.00 Ha,

| FSR Item No. | Description | Quantity | Rate (Rs.) | Per | Amount (Rs.) |
|--------------|---|------------------------|------------|-----------|--------------|
| 02.03.06 | Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height during October | 1000 | 112.69 | 100 Nos., | 1127 |
| 03.05.01 | Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times | 400 | 551.70 | 100 Rmt | 2207 |
| | | | Total | | 3334 |
| | | Unit Rate for 2018 -19 | | | 3334 |

next
District Forest Officer,
Jagtial

- 351 -

9th year maintenance Plantatation under Labour Intensive Method with 3m x 3m espacement

Unit area 1.00 Ha,

| FSR Item No. | Description | Quantity | Rate (Rs.) | Per | Amount (Rs.) |
|------------------------|--|----------|------------|-----------|--------------|
| 02.04.03 | Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec) | | | | |
| | (b) For hard gravelly soil -1 time | 1000 | 595.23 | 100 Nos., | 5952 |
| 03.05.01 | Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times | 400 | 551.70 | 100 Rmt | 2207 |
| | | | Total | | 8159 |
| Unit Rate for 2018 -19 | | | | | 8159 |


District Forest Officer,
Jagtial

- 353 -

10th year maintenance Plantatation under Labour Intensive Method with 3m x 3m espacement

Unit area 1.00 Ha,

| FSR Item No. | Description | Quantity | Rate (Rs.) | Per | Amount (Rs.) |
|--------------|---|----------|------------------------|-----------|--------------|
| 02.03.06 | Pruning of lower branch initials of Timber and NTFP species by scicature upto 1/3 rd height during October | 1000 | 112.69 | 100 Nos., | 1127 |
| 03.05.01 | Maintenance of fire lines (5.00 mtr width) including cutting back of rank growth and burning - propotionate cost - 0.60 times | 400 | 551.70 | 100 Rmt | 2207 |
| | | | Total | | 3334 |
| | | | Unit Rate for 2018 -19 | | 3334 |


District Forest Officer,
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