

## A. Plantation Raising and Maintenance Work

### 1. Raising teak plantation & 1<sup>st</sup> year maintenance

Sl.No.	FSR item No.	Labour data	Unit	Particulars
1	1	3.105 MM	Km	Clearing boundary line to a width of 1.5m to facilitate survey
2	2	3.105 MM	Km	Surveying with prismatic compass
3	PWD 784	Rs. 29.30	Per stone	Fixing boundary stones (PWD stones size 60x20x20cm) <sup>1*</sup>
4	107 (b)	24.71 MM	Ha	Slash felling ordinary area
5	110 (b)	29.652 MM	Ha	Heaping & burning where elephant power is not available
6	87	2 SSMM	1000	Collection of 60cm bamboo, reed or wooden stakes for aligning & staking
7	87 (a)	0.5 MM	1000	Transport of stakes
8	GO (Rt) 1081/88 (c)	7.407MM	Ha	Aligning & staking, 2mx2m
9	GO (Rt) 101/90 F&WLD (q)	1.3015MM	100	Making platform of size 60x60cm with 30cm depth inward slopes <sup>2*</sup>
10	(i)GO (Rt) 101/90 F&WLD	(i) 1.8182MM (ii) 0.9229MM (iii) 2.5641MM (iv) 1.3015MM	(i) ordinary soil before rain/100pits (ii) ordinary soil after rain/100pits (iii) hard soil before rain/100pits (iv) hard soil after rain/100pits	(i)Digging pits of size 30x30x30 cm in Ordinary/hard soil for poly bag/root trainer seedlings
	(ii) 90 (b)	2MM	1000	(ii) Stump planting through crow bar holes
11	(i) GO (Rt) 1081/88 (t)	(i)0.116MM	100	(i)Transport of seedlings in polythene bags/ root trainer to planting sites & distribution up to a lead of 50m (20% for each additional 50m)
	(ii) 89 (b)	(ii) 0.5MM	1000	(ii) Transport of stumps from nursery to planting area up to 800m lead
12	GO (Rt) 1081/88 (u&v)	0.650MM	100	Covering pits, digging planting holes & planting seedlings

13	92	29.625MM	Ha	First year 1 <sup>st</sup> mammaty weeding (May - June)
14	(i) 91 (a) (ii) 91 (b)	(i) 0.617MM (ii) 1.235MM	Ha	(i) Replacing casualties using stump (ii) Replacing casualties using poly bag/root trainer seedlings
15	LS			Cost of fertilizer
16	134	1MM	75 plants	Application of manure <sup>3*</sup>
17	93	14.826MM	Ha	First year second weeding (Aug - Sept)
18	94	9.884MM	Ha	First year third weeding (Oct - Nov)
19	GO (Rt) 614/79/AD 48	20+20=40MM	Km	(i) Clearing fire line to a width of 5.2m (ii) Fire tracing
20	63	10.763MM	10sq.m	Construction of temporary shed (should be restricted to 10sq.m)
21	NMR			Engaging protection mazdoor <sup>4*</sup>
22	LS			Contingencies

**1\*** Temporary cairns are damaged usually within in a period of 6 months. This will result in difficulty in identification of boundary. PWD stones are of permanent nature, hence it is accepted. (For split stone of size 60x20x20cm @ Rs.500/m<sup>3</sup> -- 0.025 x 500 = Rs.12. 50 + 0.1MM for fixing the same @ Rs.168/E -- 0.1x 68 = Rs.16.80, (Total 12. 50 + 16. 80 = **Rs.29. 30**). This excludes the cost of transportation.

**2\*** The volume of earth work for cutting one platform of size 60x60x30cm with inward slope comes to 0.027m<sup>3</sup> which is equal to the quantity of earth work of one pit of size 30x30x30cm. Hence rate of one pit can be provided for taking platform. Platforms may be taken before pitting.

**3\*** As per FSR item No.134, 1mm/75 plants is allowed for the application of manure. Since the provision for platform is given in the estimate, 1/3<sup>rd</sup> rate of 134 is only allowed. Fertilizer application may be done during Sept – Oct depends on rain condition.

**4\*** 1MM/25 ha may be allowed. Plantation maintenance worker should be entrusted with work such as cutting of double shoots, cutting & removal of climber, casualty replacement, cattle scarring, assisting manuring, fire protection etc.

**Note:**

1. Soil conservation measures such as gully plugging, terracing, etc. shall not be included in the plantation estimate. It may be taken up separately, if found necessary.
2. Additional weeding is allowed only after the inspection of the plantation by the CF and after recording in the inspection journal. Estimate should not be passed with provision of "additional weeding if found necessary".
3. Construction of inspection path may be allowed to facilitate inspection and to divide larger areas into smaller blocks.

## **2. Second year maintenance of teak plantation**

<b>Sl.No.</b>	<b>FSR Item No.</b>	<b>Labour data</b>	<b>Unit</b>	<b>Particulars</b>
1	96	9.884	Ha	2 <sup>nd</sup> year 1 <sup>st</sup> weeding (May - June)
2	GO (Rt) 101/90 F&WLD 1/2 rate of (q)	0.651MM	100	Repairing the damaged platforms 60x60x30cm <sup>1*</sup>
3	GO (Rt) 1081/88 (t)	0.116MM	100	Transport of seedlings in polythene bags/root trainer to planting sites & distribution up to a lead of 50m for casualty replacement (20% for each additional 50m)
4	(i) 91 (a) (ii) 91 (b)	(i) 0.617MM (ii) 1.235MM	Ha	(i) Replacing casualties using stump (ii) Replacing casualties using poly bag/ root triner seedlings
5	LS			Cost of fertilizer
6	97	7.413	Ha	2 <sup>nd</sup> year 2 <sup>nd</sup> weeding (Aug - Sept)
7	98	4.942	Ha	2 <sup>nd</sup> year 3 <sup>rd</sup> weeding (Dec - Jan)
8	GO (Rt) 614/79/AD 48	20+20=40MM	Km	(i) Clearing fire line to a width of 5.2m (ii) Fire tracing
9	63	10.763MM	10sq.m	Construction of temporary shed (should be restricted to 10sq.m)
10	NMR			Engaging protection mazdoor <sup>2*</sup>
11	LS			Contingencies

**1\*** Repairing of platforms include cost of application of manure also. The work may be done during pre-monsoon period.

**2\*** 1MM/25 ha may be allowed. Plantation maintenance worker should be entrusted with work such as cutting of double shoots, cutting and removal of climber, casualty replacement, cattle scarring, assisting manuring, fire protection etc.

### **Note:**

1. Soil conservation measures such as gully plugging, terracing etc. shall not be included in the plantation estimate. It may be taken up separately, if found necessary.
2. Additional weeding is allowed only after the inspection of the plantation by the CF and after recording in plantation journal. Estimate should not be passed with provision of "additional weeding if found necessary".
3. Mikenia eradication work should not be included as part of maintenance estimate, it should be taken up separately if found necessary as instructed by the CF.
4. Construction of inspection path may be allowed to facilitate inspection and to divide larger areas into smaller blocks

### **3. Third year maintenance of teak plantation**

Sl.No.	FSR Item No.	Labour data	Unit	Particulars
1	99	9.884	Ha	3 <sup>rd</sup> year 1 <sup>st</sup> weeding (May - June)
2	GO (Rt) 101/90 F&WLD 1/2 rate of (q)	0.651MM	100	Repairing the damaged platforms 60x60x30cm <sup>1*</sup>
3	GO (Rt) 1081/88 (t)	0.116MM	100	Transport of seedlings in polythene bags/ root trainer to planting sites & distribution up to a lead of 50m for casualty replacement (20% for each additional 50m)
4	(i) 91 (a) (ii) 91 (b)	(i) 0.617MM (ii) 1.235MM	Ha	(i) Replacing casualties using stump (ii) Replacing casualties using poly bag/root trainer seedlings
5	100	3.706	Ha	3 <sup>rd</sup> year 2 <sup>nd</sup> weeding (Nov - Dec)
6	GO (Rt) 614/79/AD 48	20+20=40MM	Km	(i) Clearing fire line to a width of 5.2m (ii) Fire tracing
7	63	10.763MM	10sq.m	Construction of temporary shed (should be restricted to 10sq.m)
8	NMR			Engaging protection mazdoor <sup>2*</sup>
9	LS			Contingencies

**1\*** Maintenance of platform is allowed only when it is found necessary. Work may be carried out during pre-monsoon showers.

**2\*** 1MM/25 ha may be allowed. Plantation maintenance worker should be entrusted with work such as cutting of double shoots, cutting and removal of climber, casualty replacement, cattle scarring, fire protection etc.

**Note:**

1. Soil conservation measures such as gully plugging, terracing etc. shall not be included in the plantation estimate. It may be taken up separately, if found necessary.
2. Additional weeding is allowed only after the inspection of the plantation by the CF and after recording in inspection journal. Estimate should not be passed with provision of "additional weeding if found necessary".
3. Construction of inspection path may be allowed to facilitate inspection and to divide larger areas into smaller blocks
4. Mikenia eradication work should not be included as part of maintenance estimate, it should be taken up separately if found necessary as instructed by the CF.

**4. Raising pulp wood plantation (*Acacia auriculiformis*, *A. mangium* & *Eucalyptus*)**

Sl.No.	FSR Item No.	Labour data	Unit	Particulars
1	1	3.105 MM	Km	Clearing boundary line to a width of 1.5m to facilitate survey
2	2	3.105 MM	Km	Surveying with prismatic compass
3	PWD 784	Rs. 29.30	Per stone	Fixing boundary stones (PWD stones size 60x20x20cm) <sup>1*</sup>
4	107 (b)	24.71 MM	Ha	Slash felling ordinary area
5	110 (b)	29.652 MM	Ha	Heaping & burning where elephant power is not available
6	87	2 SSMM	1000	Collection of 60cm bamboo, reed or wooden stakes for aligning & staking
7	87 (a)	0.5 MM	1000	Transport of stakes
8	88 (a)	6.177MM	Ha	Aligning & staking, 2.5x2.5m
9	GO (Rt) 101/90 F&WLD (q)	1.3015MM	100	Making platform of size 60x60cm with 30cm depth inward slopes <sup>2*</sup>
10	GO (Rt) 101/90 F&WLD	(i) 1.8182MM (ii) 0.9229MM (iii) 2.5641MM (iv) 1.3015MM	(i) ordinary soil before rain/100pits (ii) ordinary soil after rain/100pits (iii) hard soil before rain/100pits (iv) hard soil after rain/100pits	Digging pits of size 30x30x30 cm in ordinary/hard soil for root trainer seedlings
11	GO (Rt) 1081/88 (t)	0.116MM	100	Transport of seedlings in polythene bags/root trainer to planting sites & distribution up to a lead of 50m (20% for each additional 50m)
12	GO (Rt) 1081/88 (u&v)	0.650MM	100	Covering pits, digging planting holes & planting seedlings
13	LS			Cost of fertilizer
14	134	1MM	75 plants	Application of manure <sup>3*</sup>
15	93	14.286MM	Ha	First year 1 <sup>st</sup> weeding (Aug - Sept) (The rate allowed is for 1 <sup>st</sup> year second weeding)
16	91 (b)	0.8MM	Ha	Replacing casualties <sup>4*</sup>

17	93	14.286MM	Ha	First year 2 <sup>nd</sup> weeding (Aug - Sept)
18	94	9.884MM	Ha	First year 3 <sup>rd</sup> weeding (Nov - Dec)
19	GO (Rt) 614/79/AD 48	20+20=40MM	Km	(i) Clearing fire line to a width of 5.2m (ii) Fire tracing
20	63	10.763MM	10sq.m	Construction of temporary shed (should be restricted to 10sq.m)
21	NMR			Engaging protection mazdoor <sup>5*</sup>
22	LS			Contingencies

**1\*** Temporary cairns are damaged usually within in a period of 6 months. This will result in difficulty in identification of boundary. PWD stones are of permanent nature, hence it is accepted. (For split stone of size 60x20x20cm @ Rs.500/m<sup>3</sup> -- 0.025 x 500 = Rs.12. 50 + 0.1MM for fixing the same @ Rs.168/E -- 0.1x 68 = Rs.16.80, (Total 12. 50 + 16. 80 = **Rs.29. 30**). This excludes the cost of transportation.

**2\*** The volume of earth work for cutting one platform of size 60x60x30cm with inward slope comes to 0.027m<sup>3</sup> which is equal to the quantity of earth work of one pit of size 30x30x30cm. Hence rate of one pit can be provided for taking platform. Platforms may be taken before pitting.

**3\*** As per FSR item No.134, 1mm/75 plants is allowed for the application of manure. Since the provision for platform is given in the estimate, 1/3<sup>rd</sup> rate of 134 is only allowed. Fertilizer application may be done during Sept – Oct depends on rain condition.

**4\*** Since the espacement in pulp wood plantation is 2.5m x 2.5m, the man mazdoor for casualty replacement in pulp wood plantation is only 0.8MM/Ha.

**5\*** 1MM/25 ha may be allowed. Plantation maintenance worker should be entrusted with work such as cutting and removal of climber, casualty replacement, cattle scarring, assisting manuring, fire protection etc.

**Note:**

1. Soil conservation measures such as gully plugging; terracing etc. shall not be included in the plantation estimate. It may be taken up separately, if found necessary.
2. Additional weeding is allowed only after the inspection of the plantation by the CF and after recording in plantation journal. Estimate should not be passed with provision of "additional weeding if found necessary".
3. Construction of inspection path may be allowed to facilitate inspection and to divide larger areas into smaller blocks

**5. 2<sup>nd</sup> year maintenance of pulp wood plantation (*Acacia auriculiformis*, *Acacia mangium* & *Eucalyptus*)**

Sl.No.	FSR Item No.	Labour data	Unit	Particulars
1	96	9.884MM	Ha	2 <sup>nd</sup> year first weeding (May - June)
2	GO (Rt) 101/90 F&WLD 1/2 rate of (q)	0.651MM	100	Repairing the damaged platforms 60x60x30cm <sup>1*</sup>
3	GO (Rt) 1081/88 (t)	0.116MM	100	Transport of seedlings in polythene bags/ root trainer to planting sites & distribution up to a lead of 50m for causality replacement (20% for each additional 50m)
4	91 (b)	0.8MM	Ha	Replacing casualties <sup>2*</sup>
5	LS			Cost of fertilizer
6	97	7.413	Ha	2 <sup>nd</sup> year 2 <sup>nd</sup> weeding (Aug - Sept)
7	98	4.942	Ha	2 <sup>nd</sup> year 3 <sup>rd</sup> weeding (Dec - Jan)
8	GO (Rt) 614/79/AD 48	20+20=40MM	Km	(i) Clearing fire line to a width of 5.2m (ii) Fire tracing
9	63	10.763MM	10sq.m	Construction of temporary shed (should be restricted to 10sq.m)
10	NMR			Engaging protection mazdoor <sup>3*</sup>
11	LS			Contingencies

**1\*** Repairing of platforms include cost of application of manure also. The work may be done during pre-monsoon period. Manuring is not required in pulp wood plantation other than eucalyptus.

**2\*** Since the espacement in pulp wood plantation is 2.5m x 2.5m, the man mazdoor for casualty replacement in pulp wood plantation is only 0.8MM/Ha.

**3\*** 1MM/25 ha may be allowed. Plantation maintenance worker should be entrusted with work such as cutting and removal of climber, casualty replacement, cattle scarring, assisting manuring, fire protection etc.

**Note:**

1. Soil conservation measures such as gully plugging; terracing etc. shall not be included in the plantation estimate. It may be taken up separately, if found necessary.
2. Additional weeding is allowed only after the inspection of the plantation by the CF and after recording in plantation journal. Estimate should not be passed with provision of "additional weeding if found necessary".
3. Construction of inspection path may be allowed to facilitate inspection and to divide larger areas into smaller blocks

**6. 3<sup>rd</sup> year maintenance of pulp wood plantation (*Acacia auriculiformis*,  
*Acacia mangium* & *Eucalyptus*)**

Sl.No.	FSR Item No.	Labour data	Unit	Particulars
1	99	9.884MM	Ha	3 <sup>rd</sup> year first weeding (May - June)
2	100	3.706MM	Ha	3 <sup>rd</sup> year second weeding (Nov - Dec)
3	GO (Rt) 614/79/AD 48	20+20=40MM	Km	(i) Clearing fire line to a width of 5.2m (ii) Fire tracing
4	NMR			Engaging protection mazdoor <sup>1*</sup>
5	LS			Contingencies

**1\*** 1MM/25 ha may be allowed. Plantation maintenance worker should be entrusted with work such as cutting and removal of climber, casualty replacement, cattle scarring, assisting manuring, fire protection etc.

**Note:**

1. Soil conservation measures such as gully plugging, terracing etc. shall not be included in the plantation estimate. It may be taken up separately, if found necessary.



## **7. Raising bamboo/cane plantation**

Sl.No.	FSR Item No.	Labour data	Unit	Particulars
1	1	3.105 MM	Km	Clearing boundary line to a width of 1.5m to facilitate survey
2	2	3.105 MM	Km	Surveying with prismatic compass
3	PWD 784	Rs. 29.30	Per stone	Fixing boundary stones (PWD stones size 60x20x20cm) <sup>1*</sup>
4				Making platform of size 1m x 1m with 30cm depth inward slopes
5	GO (Rt) 101/90 F&WLD	(i) 1.8182MM  (ii) 0.9229MM  (iii) 2.5641MM  (iv) 1.3015MM	(i) ordinary soil before rain/100pits (ii) ordinary soil after rain/100pits (iii) hard soil before rain/100pits (iv) hard soil after rain/100pits	Digging pits of size 30x30x30 cm in ordinary/hard soil for bamboo/cane seedlings
6	GO (Rt) 1081/88 (t)	0.116MM	100	Transport of seedlings in polythene bags to planting sites & distribution up to a lead of 50m (20% for each additional 50m)
7	GO (Rt) 1081/88 (u&v)	0.650MM	100	Covering pits, digging planting holes & planting seedlings
8	GO (Rt) 1081/88 (u&v)	0.650MM	100	Replacing casualties <sup>2*</sup>
9	GO (Rt) 614/79/AD 48	20+20=40MM	Km	(i) Clearing fire line to a width of 5.2m (ii) Fire tracing
10	63	10.763MM	10sq.m	Construction of temporary shed (should be restricted to 10sq.m)
11	NMR			Engaging protection mazdoor <sup>3*</sup>
12	LS			Contingencies

**1\*** Temporary cairns are damaged usually within in a period of 6 months. This will result in difficulty in identification of boundary. PWD stones are of permanent nature, hence it is accepted. (For split stone of size 60x20x20cm @ Rs.500/m<sup>3</sup> -- 0.025 x 500 = Rs.12. 50 + 0.1MM for fixing the same @ Rs.168/E -- 0.1x 68 = Rs.16.80, (Total 12. 50 + 16. 80 = **Rs.29. 30**). This excludes the cost of transportation.

**2\*** Replacing casualty includes reopening pits, planting and covering pits.

**3\*** 1MM/25 ha may be allowed. Plantation maintenance worker should be entrusted with work such as removal of weeds, climber cutting, casualty replacement, cattle scarring, fire protection etc.

**Note:**

1. No weeding shall be done in bamboo/cane plantations.
2. Platforms of 1m x1m with 30 cm on uphill side and inward slope may be taken prior to planting, pitting may be done at the centre of the platform. The rate for 60 cm x 60cm platforms are already available, the proportionate rate may be calculated for 1m x 1m size platform.
3. After planting fresh soil around the platform may be covered with thorny bushes or any other suitable materials to avoid damage to seedlings by wild animals.
4. Soil conservation measures such as gully plugging; terracing etc. shall not be included in the plantation estimate. It may be taken up separately, if found necessary.
5. Construction of inspection path may be allowed to facilitate inspection and to divide larger areas into smaller blocks.

## **8. 2<sup>nd</sup> & 3<sup>rd</sup> year maintenance of bamboo/cane plantation**

Sl.No.	FSR Item No.	Labour data	Unit	Particulars
1				Repairing the damaged platforms 1m x 1m
2	GO (Rt) 1081/88 (t)	0.116MM	100	Transport of seedlings in polythene to planting sites & distribution up to a lead of 50m for casualty replacement (20% for each additional 50m)
3	GO (Rt) 1081/88 (u&v)	0.650MM	100	Replacing casualties <sup>1*</sup>
4	GO (Rt) 614/79/AD 48	20+20=40MM	Km	(i) Clearing fire line to a width of 5.2m (ii) Fire tracing
5	NMR			Engaging protection mazdoor <sup>2*</sup>

**1\*** Replacing casualty includes reopening pits, planting and covering pits.

**2\*** 1MM/25 ha may be allowed. Plantation maintenance worker should be entrusted with work such as removal of weeds, climber cutting, casualty replacement, cattle scarring, fire protection etc.

### **Note:**

1. No weeding shall be done in bamboo/cane plantations.
2. The rate for repairing 60 cm x 60cm platforms are already available, the proportionate rate may be calculated for 1m x 1m size platform.
3. After maintenance of platform fresh soils may be covered with thorny bushes or any other suitable materials to avoid damage to seedlings by wild animals.
4. Soil conservation measures such as gully plugging, terracing etc. shall not be included in the plantation estimate. It may be taken up separately, if found necessary.

## **9. Estimate for the cost of restoration of degraded forest area (RDF,ANR,CA)**

Sl.No	FSR Item No.	Labour data	Unit	Particulars
1	1	3.105 MM	Km	Clearing boundary line to a width of 1.5m to facilitate survey
2	2	3.105 MM	Km	Surveying with prismatic compass
3	PWD 784	Rs. 29.30	Per stone	Fixing boundary stones (PWD stones size 60x20x20cm) <sup>1*</sup>
4				Making platform of size 1m x 1m with 30cm depth in uphill side with inward slopes
5	GO (Rt) 101/90 F&WLD	(i) 1.8182MM (ii) 0.9229MM (iii) 2.5641MM (iv) 1.3015MM	(i) ordinary soil before rain/100pits (ii) ordinary soil after rain/100pits (iii) hard soil before rain/100pits (iv) hard soil after rain/100pits	Digging pits of size 30x30x30 cm in ordinary/hard soil for seedlings of miscellaneous sp.
6	GO (Rt) 1081/88 (t)	0.116MM	100	Transport of seedlings in polythene to planting sites & distribution up to a lead of 50m (20% for each additional 50m)
7	GO (Rt) 1081/88 (u&v)	0.650MM	100	Covering pits, digging planting holes & planting seedlings
8	GO (Rt) 614/79/AD 48	20+20=40MM	Km	(i) Clearing fire line to a width of 5.2m (ii) Fire tracing
9	63	10.763MM	10sq.m	Construction of temporary shed (should be restricted to 10sq.m)
10	NMR			Engaging protection mazdoor <sup>2*</sup>
11	LS			Contingencies

**1\*** Temporary cairns are damaged usually within in a period of 6 months. This will result in difficulty in identification of boundary. PWD stones are of permanent nature, hence it is accepted. (For split stone of size 60x20x20cm @ Rs.500/m<sup>3</sup> -- 0.025 x 500 = Rs.12. 50 + 0.1MM for fixing the same @ Rs.168/E -- 0.1x 68 = Rs.16.80, (Total 12. 50 + 16. 80 = **Rs.29. 30**). This excludes the cost of transportation.

**2\*** 1MM/25 ha may be allowed. Plantation maintenance worker should be entrusted with work such as removal of weeds, climber cutting, casualty replacement, cattle scarring, fire protection etc.

### **Note:**

1. Weeding is not required if planting component is less than 1100 seedlings/ha. If it is more than 1100 in highly degraded area weeding may be provided after the inspection of CF.
2. Platforms of 1m x 1m with 30 cm depth in uphill side and inward slope may be taken prior to planting, pitting may be done at the centre of the platform. The rate for 60 cm x

60cm platforms are already available, the proportionate rate may be calculated for 1m x 1m size platform. If the planting of seedlings is more than 1100/ha the size of the platform should be restricted to 60 cm x 60 cm.

3. After planting fresh soil around the platform may be covered with thorny bushes or any other suitable materials to avoid damage to seedlings by wild animals.
4. Soil working may be allowed to facilitate the growth of natural seedlings. The number may be decided by CF after his site inspection.
5. Soil conservation measures such as gully plugging; terracing etc. shall not be included in the plantation estimate. It may be taken up separately, if found necessary.
6. Construction of inspection path may be allowed to facilitate inspection and to divide larger areas into smaller blocks.

**10. Estimate for the 2<sup>nd</sup> year maintenance of degraded forest area (RDF, ANR & CA )**

Sl.No	FSR Item No.	Labour data	Unit	Particulars
1				Repairing the damaged platforms 1m x 1m
2	GO (Rt) 1081/88 (t)	0.116MM	100	Transport of seedlings in polythene to planting sites & distribution up to a lead of 50m for causality replacement (20% for each additional 50m)
3	GO (Rt) 1081/88 (u&v)	0.650MM	100	Replacing casualties <sup>1*</sup>
4	GO (Rt) 614/79/AD 48	20+20=40MM	Km	(i) Clearing fire line to a width of 5.2m (ii) Fire tracing
5	NMR			Engaging protection mazdoor <sup>2*</sup>
6	LS			Contingencies

**1\*** Replacing casualty includes reopening pits, planting and covering pits.

**2\*** 1MM/25 ha may be allowed. Plantation maintenance worker should be entrusted with work such as removal of weeds, climber cutting, casualty replacement, cattle scarring, fire protection etc.

**Note:**

1. Weeding is not required if planting component is less than 1100 seedlings/ha. If it is more than 1100 in highly degraded area weeding may be provided after the inspection of CF. Rate for repairing 60cm x 60cm platforms are already available, the proportionate rate may be calculated for 1m x 1m size platform.
2. After maintenance of platform fresh soil around the platform may be covered with thorny bushes or any other suitable materials to avoid damage to seedlings by wild animals.
3. Soil working may be allowed if found necessary.
4. Soil conservation measures such as gully plugging, terracing etc. shall not be included in the plantation estimate. It may be taken up separately, if found necessary.
5. Construction of inspection path may be allowed to facilitate inspection and to divide larger areas into smaller blocks.

**11. Estimate for the 3<sup>rd</sup> to 5<sup>th</sup> year maintenance of degraded forest area (RDF, ANR & CA)**

Sl.No	FSR Item No.	Labour data	Unit	Particulars
1	GO (Rt) 614/79/AD 48	20+20=40MM	Km	(i) Clearing fire line to a width of 5.2m (ii) Fire tracing
2	NMR			Engaging protection mazdoor <sup>1*</sup>
3	LS			Contingencies

**1\*** 1MM/25 ha may be allowed. Plantation maintenance worker should be entrusted with work such as removal of weeds, climber cutting, cattle scarring, maintenance of platform, fire protection etc

**Note:**

1. Weeding is not required if planting component is less than 1100 seedlings/ha. If it is more than 1100 in highly degraded area weeding may be provided.
2. After third year, protection mazdoor is not required. Only fire protection measures may be taken if found necessary.