



No. Ft. CAMPA/2010/Norms/Vol.III

Dated: Shimla-1, the **19 JUN 2023**

From: Pr. CCF (HoFF) H.P. Shimla **To:** 1. Pr. CCF (Wild Life). H.P. Shimla.
2. All Chief Project Directors in HP
3. All CCFs/CFs (T) & (WL/GHNP) in H.P.

Subject: Norms for plantations and maintenance of old plantations for Non-Tribal and Tribal Areas for the year 2023-24.

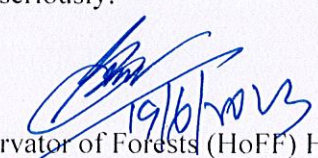
Memorandum:

The norms for undertaking New Plantations, Maintenance of old Plantations and Lantana Eradication under the sectors of Compensatory Afforestation, CAT Plans and NPV of State Authority (CAMPA) in Non-Tribal, Tribal-I & Tribal-II (Keylong and Jhalma Ranges of Lahul Forest Division) area for the year 2023-24 are sent herewith. The norms have been prepared taking into account the revised wage rate which is Rs. 375/- per day. Consequent upon the delinking of nursery from plantations, the norms have been fixed separately for plantations.

2. It is clarified that the areas of Lantana infestation cleared under NPV will be taken up for planting of Tall Plant either @ 500 or @200 per hectare as per the site requirement. The norms in respect of both these models of plantations indicate the upper limit. The actual expenditure for fencing and planting may be restricted to 80% of the upper limit without reducing the number of plants to be planted. However, plantations in lantana eradicated areas may be done with the norms of plants @ 1100 or @800 plants per hectare as per site requirement provided that the same is technically approved by the concerned Controlling Officers (CCFs/CFs).

3. It is therefore, requested that the works of new plantations, maintenance of old plantations and lantana eradication activities may be executed as per norms approved for 2023-24. Any deviation will be viewed seriously.

Encl: As above/


Pr. Chief Conservator of Forests (HoFF) H.P.

Endst. No. As above/

Dated: Shimla-1, the

Copy alongwith copy of norms for 2023-24 is forwarded to:

1. APCCF (Finance) Shimla, APCCF (R&T) Sundernagar and APCCF (M&E) Shimla.
2. CC (IT) Shimla with the request to get the norms for 2023-24 uploaded on HPFD Website.
3. All DFOs (T&WL) in HP.

Encl: As above/


Pr. Chief Conservator of Forests (HoFF) H.P.

HIMACHAL PRADESH STATE AUTHORITY CAMPA

Scheme-Wise Norms for New Plantations and Maintenance of old Plantations in Non-Tribal and Tribal Areas for 2023-24
(At the wage Rate of Rs. 375/- for Non Tribal and Rs. 469/- For Tribal Areas)

Sr. No	Name of Scheme	Name of Component	Norms for 2023-24				Remarks
			Non -Tribal Areas	Tribal -I Areas	Tribal-II (Keylong & Jhalma Ranges of Lahaul Division)		
						(Amount in Rupees)	
1	Compensatory Afforestation (1100 Plants/Ha.) - Fencing With RCC Fence Posts	NORMS FOR COMPENSATORY AFFORESTATION EXCLUDING NURSRY COST					
		SURVEY,DEMARICATION & FENCING	38200	42100	NA		
		PLANTING	56300	70300	NA		
		Total	94500	112400			
		Maintenance					
		1st Year Maintenance	11400	14200	NA		
		2nd Year Maintenance	7700	9600	NA		
		3rd to 10th Year Maint.	3900	4900	NA		
2	Compensatory Afforestation (1100 Plants/Ha.) - Fencing with Wooden Fence Posts	SURVEY,DEMARICATION & FENCING					
		PLANTING	15900	18600	NA		
		Total	43700	54500	NA		
		Maintenance	59600	73100			
		1st Year Maintenance	8500	10700	43200		
		2nd Year Maintenance	5800	7200	28100		
		3rd Year Maintenance	4400	5500	16700		
		4th to 10th Year Maint.	3000	3800	8300		
3	Compensatory Afforestation (1100 Plants/Ha.) - Fencing with Stone Wall	SURVEY,DEMARICATION & FENCING					
		PLANTING	0	0	106900		
		Total	0	0	46900		
		Maintenance	0	0	153800		
		1st Year Maintenance	0	0	43200		
		2nd Year Maintenance	0	0	28100		
		3rd Year Maintenance	0	0	16700		
		4th to 10th Year Maint.	0	0	8300		

Note: Under Compensatory Afforestation, the maintenance of old plantations is applicable for 10 years.

Sr.No.	Name of Scheme	Name of Component	Norms for 2023-24			Remarks
			Non Tribal Areas	Tribal-I Areas	Tribal-II Areas (Keylong & Jhalma Ranges of Lahaul Division)	
II	NORMS FOR PLANTATIONS UNDER CAT PLANS EXCLUDING NURSERY COST					
1	Afforestation (1100 plants/ha.) - Fencing with RCC Fence Posts	SURVEY,DEMARICATION & FENCING	38200	42100	NA	Norms include:- -4 strand b/wire fencing with RCC Fence Posts. -Interlacing of thorny bushes. - Digging & Filling of 550 Pits of 45x 45x45 cms. - Digging & Filling of 550 Pits of 30x 30x30cms. - Planting of 550 P/bag raised plants. - Planting of 550 naked roots Plants. -Bush cutting in strips of 3m x3m -C/o inspection path. -Fixing of sign board.
		PLANTING	43600	54500	NA	
		Total	81800	96600		
		Maintenance				
		1st year Maintenance	8500	10700	NA	
		2nd year Maintenance	5800	7200	NA	
		3rd to 5th year Maint.	3000	3800	NA	
2	Afforestation/ Energy Plantation/ Timber Plantation/ Fuel & Fodder Plantation (1100 Plants/Ha.) - Fencing with Wooden Fence Posts	SURVEY,DEMARICATION & FENCING	15900	18600	NA	As per department norms approved vide letter no. Ft. 1790-2/71(D)2019-20/Vol-IX(Norms) dated 24.05.2023
		PLANTING	43700	54500	NA	
		Total	59600	73100		
		Maintenance				
		1st year Maintenance	8500	10700	43200	
		2nd year Maintenance	5800	7200	28100	
		3rd year Maint.	4400	5500	16700	
		4th to 5th year Maint.	3000	3800	8300	
3	Enrichment/ Replenishment Plantation (800 Plants/Ha.) - Fencing with Wooden Fence Posts	SURVEY,DEMARICATION & FENCING	15900	18600	NA	As per department norms approved vide letter no. Ft. 1790-2/71(D)2019-20/Vol-IX(Norms) dated 24.05.2023
		PLANTING	33400	41700	NA	
		Total	49300	60300		
		Maintenance				
		1st year Maintenance	6300	7800	NA	
		2nd year Maintenance	4300	5400	NA	
		3rd year Maint.	3300	4100	NA	
		4th to 5th year Maint.	2300	2800	NA	

Sr.No.	Name of Scheme	Name of Component	Norms for 2023-24			Remarks
			Non Tribal Areas	Tribal-I Areas	Tribal-II Areas (Keylong & Jhalma Ranges of Lahaul Division)	
4	Assisted Natural Regeneration (ANR) Plantation (250 Plants/Ha.) - Fencing with Wooden Fence Posts	SURVEY, DEMARCATION & FENCING	15600	18300	NA	Norms include:- - 4 strand b/wire fencing with Wooden Fence Posts. - Interlacing of thorny bushes. - Digging & Filling of 125 Pits of 45x 45x45 cms. - Digging & Filling of 125 Pits of 30x 30x30cms. - Planting of 125 P/bag raised plants. - Planting of 125 naked roots Plants. Bush cutting/ Cultural Operations.
		PLANTING	11500	14400	NA	
		Total	27100	32700	NA	
		Maintenance			NA	
		1st year Maintenance	2100	2600	NA	
		2nd year Maintenance	1500	1900	NA	
5	Medicinal/NTFP Plantation i Shrubs/Perennial Herbs Plantation (4400 Plants/Ha.)	3rd to 5th year Maint.	900	1100	NA	Norms include:- - Nursery cost, Preparing, Digging & filling of 1100 patches. - Planting 4400 plants in patches@ 4 plants/patch. - Bush cutting in strips/ patches.
		Fencing Cost	0	0		
		Planting & Nursery Cost	80900	101100	NA	
		Maintenance			NA	
		1st year Maintenance	7800	9800	NA	
		2nd year Maintenance	6300	7800	NA	
		3rd year Maintenance	3900	4900	NA	
		Fencing Cost			NA	
		Planting & Nursery Cost	122400	153300	NA	
		Maintenance			NA	
ii	Herb Plantation (13200 Plants/Ha.)	1st year Maintenance	6000	7500	NA	Norms include:- - Nursery cost Preparing, Digging & filling of 1100 patches. - Planting 13200 plants in patches@ 12 plants/patch. - Bush cutting in strips/ patches.
		2nd year Maintenance	2700	4500	NA	
		3rd year Maintenance	1700	2800	NA	

Sr. No.	Name of Scheme	Name of Component	Norms for 2023-24				Remarks
			Non-Tribal Areas	Tribal-I Areas	Tribal-II (Keylong & Jhalma Ranges of Lahaul Division		
			(Amount in Rupees)				
III	NORMS FOR PLANTATIONS UNDER NPV EXCLUDING NURSERY COST						
1	Replenishment & Enhancement of Forest Cover (REFC) Plantation (1100 Plants per Ha.) - Fencing with Wooden Fence Posts	SURVEY, DEMARCATION & FENCING	15900	18600	NA	As per department norms approved vide letter no. Ft. 1790-2/71(D)2019-20/Vol-IX(Norms) dated 24.05.2023	
		PLANTING	43700	54500	NA		
		Total	59600	73100			
		Maintenance					
		1st Year Maintenance	8500	10700	43200		
		2nd Year Maintenance	5800	7200	28100		
		3rd Year Maint.	4400	5500	16700		
		4th to 5th Year Maint.	3000	3800	8300		
2	Replenishment & Enhancement of Forest Cover (REFC) Plantation (800 Plants per Ha.) - Fencing with Wooden Fence Posts	SURVEY, DEMARCATION & FENCING	15900	18600	NA	As per department norms approved vide letter no. Ft. 1790-2/71(D)2019-20/Vol-IX(Norms) dated 24.05.2023	
PLANTING		33400	41700	NA			
Total		49300	60300				
Maintenance							
1st Year Maintenance		6300	7800	NA			
2nd Year Maintenance		4300	5400	NA			
3rd Year Maint.		3300	4100	NA			
4th to 5th Year Maint.		2300	2800	NA			
IV	NORMS FOR REHABILITATION OF AREAS INFESTED WITH INVASIVE ALIEN SPECIES UNDER NPV						
1	Plantation in Lantana Cleared Areas (1100 Normal Plants per Ha.) - Fencing with Wooden Fence Posts	SURVEY, DEMARCATION & FENCING	15900	NA	NA	As per department norms approved vide letter no. Ft. 1790-2/71(D)2019-20/Vol-IX(Norms) dated 24.05.2023	
		PLANTING	43700	NA	NA		
		Total	59600				
		Maintenance					
		1st Year Maintenance	8500	NA	NA		
		2nd Year Maintenance	5800	NA	NA		
		3rd Year Maint.	4400	NA	NA		
		2	Plantation in Lantana Cleared Areas (800 Normal Plants	SURVEY, DEMARCATION & FENCING	15900		NA
PLANTING	33400	NA		NA			

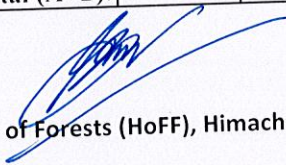
Sr. No.	Name of Scheme	Name of Component	Norms for 2023-24			Remarks
			Non-Tribal Areas	Tribal-I Areas	Tribal-II (Keylong & Jhalma Ranges of Lahaul Division	
			(Amount in Rupees)			
	per Ha.) - Fencing with Wooden Fence Posts	Total	49300			
		Maintenance				
		1st Year Maintenance	6300	NA	NA	
		2nd Year Maintenance	4300	NA	NA	
		3rd Year Maint.	3300	NA	NA	
3	Plantation in Lantana Cleared Areas (500 Tall Plants Per Ha.) - Fencing with Wooden Fence Posts	SURVEY,DEMARICATION & FENCING PLANTING Total Maintenance 1st year Maintenance 2nd year Maintenance 3rd year Maintenance		81600 81600 5480 3020 1390	NA NA NA NA NA	
NOTE: The plantation norms of Rs. 65300/- and Rs. 80100/- for Non-Tribal and Tribal Areas respectively indicate the upper limit. The actual expenditure for fencing and planting may be restricted to 80% of the upper limit. However, the number of plants to be planted will not be reduced.						
4	Plantation in Lantana Cleared Areas (200 Tall Plants Per Ha.) - Fencing with Wooden Fence Posts	SURVEY,DEMARICATION & FENCING PLANTING Total Maintenance 1st year Maintenance 2nd year Maintenance 3rd year Maintenance		49400 49400 2470 1570 670	NA NA NA NA NA	
NOTE: The plantation norms of Rs. 39500/- and Rs. 48000/- for Non-Tribal and Tribal Areas respectively indicate the upper limit. The actual expenditure for fencing and planting may be restricted to 80% of the upper limit. However, the number of plants to be planted will not be reduced.						

Sr. No.	Name of Scheme	Name of Component	Norms for 2023-24			Remarks
			Non-Tribal Areas	Tribal-I Areas	Tribal-II (Keylong & Jhalma Ranges of Lahaul Division)	
			(Amount in Rupees)			
V CLEARING OF INFESTED AREAS						
1	Clearing of Areas Infested with Invasive Alien Species upto 25%	Year-I				Norms include:
		Clearing of New Areas	19400	NA	NA	- Cutting/Removal/Disposal of Lantana (CRS method)
		Total	19400			- Cleaning of Lantana (Sprouts) & seeding one time after first cut for new areas.
		Year-II:	5200	NA	NA	- Cleaning of Lantana (Sprouts) and seedlings three times through out the year for maintenance of areas.
		1st Maint. of Cleared Areas				- sowing of grass seed.
		Year- III:	2100	NA	NA	- Tending operations.
		2nd Maint. of Cleared Areas				-Contingencies for tools, photos, documentation, workshops etc.
		Year- IV:	2100	NA	NA	
		3rd Maint. of Cleared Areas				
			Total Maint.	9400		
		Total Cost including maint.	28800			
2 Clearing of Areas Infested with Invasive Alien Species upto 50%						
		Year-I				Norms include:
		Clearing of New Areas	31100	NA	NA	- Cutting/Removal/Disposal of Lantana (CRS method)
		Total	31100			- Cleaning of Lantana (Sprouts) & seeding one time after first cut for new areas.
		Year-II:	7400	NA	NA	- Cleaning of Lantana (Sprouts) and seedlings three times through out the year for maintenance of areas.
		1st Maint. of Cleared Areas				- Broadcast sowing of grass seed.
		Year- III:	3700	NA	NA	- Tending operations.
		2nd Maint. of Cleared Areas				-Contingencies for tools, photos, documentation, workshops etc.
		Year- IV:	3700	NA	NA	
		3rd Maint. of Cleared Areas				
			Total Maint.	14800		
		Total Cost including maint.	45900			

Sr. No.	Name of Scheme	Name of Component	Norms for 2023-24			Remarks
			Non-Tribal Areas	Tribal-I Areas	Tribal-II (Keylong & Jhalma Ranges of Lahaul Division)	
(Amount in Rupees)						
3	Clearing of Areas Infested with Invasive Alien Species upto 75%	Year-I				Norms include: - Cutting/Removal/Disposal of Lantana (CRS method) - Cleaning of Lantana (Sprouts) & seeding one time after first cut for new areas. - Cleaning of Lantana (Sprouts) and seedlings three times through out the year for maintenance of areas. - Broadcast sowing of grass seed. - Tending operations. -Contingencies for tools, photos, documentation, workshops etc.
		Clearing of New Areas	39200	NA	NA	
		Total	39200			
		Maintenance				
		Year-II:	8500	NA	NA	
		1st Maint. of Cleared Areas				
		Year- III:	5200	NA	NA	
		2nd Maint. of Cleared Areas				
		Year- IV:	5200	NA	NA	
		3rd Maint. of Cleared Areas				
	Total Maint.	18900				
	Total Cost including maint.	58100				
4	Clearing of Areas Infested with Invasive Alien Species upto 100%	Year-I				Norms include: - Cutting/Removal/Disposal of Lantana (CRS method) - Cleaning of Lantana (Sprouts) & seeding one time after first cut for new areas. - Cleaning of Lantana (Sprouts) and seedlings three times through out the year for maintenance of areas. - Broadcast sowing of grass seed. - Tending operations. -Contingencies for tools, photos, documentation, workshops etc.
		Clearing of New Areas	47300	NA	NA	
		Total	47300			
		Maintenance				
		Year-II:	8500	NA	NA	
		1st Maint. of Cleared Areas				
		Year- III:	5200	NA	NA	
		2nd Maint. of Cleared Areas				
		Year- IV:	5200	NA	NA	
		3rd Maint. of Cleared Areas				
	Total Maint.	18900				
	Total Cost including maint.	66200				
Principal CCF (HoFF), Himachal Pradesh						

COMPENSATORY AFFORESTATION - FENCING WITH RCC FENCE POSTS
Norms for New Plantation in Non-Tribal & Tribal Areas for 2023-24 w.e.f. 01.04.2023
(Model: 1100 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qty.	Rate per Unit at the wage rate of Rs. 150/-	Mandays involved	Amount at the wage rate of Rs. 375/- for Non-Tribal areas	Amount at the wage rate of Rs. 469/- for Tribal areas
A	SURVEY, DEMARCATION & FENCING:-						
1	Survey & Demarcation of Plantation Area	ha.	1	101.00	0.67	251.25	314.23
2	Preparation / Purchase of RCC Fence Post @ rate of Rs. 358 per post	No.	50	358.00	0.00	17900	17900
3	Carriage of RCC Fence Post upto 165 cm long over a distance of 2 km uphill/downhill	KM/ No.	50	33.5	22.33	8373.75	10472.77
4	Preparation /Digging of Holes of 20x30x50 cm size	No.	50	9.06	3.02	1132.5	1416.38
5	Fixing of RCC Fence Post i/c Strutting	No.	50	7.16	2.39	896.25	1120.91
6	Carriage of B/Wire over distance 2 Kms uphill/downhill	KM/ Qtl.	0.75	73.65	0.74	277.5	347.06
7	Stretching & Fixing of Barbed Wire in 4 Strands	Rmt.	600	4.80	8.00	3000	3752
8	Interlacing of Thorny Bushes along the Fence	Rmt.	150	4.09	4.09	1533.75	1918.21
9	Cost of Barbed Wire	Qtl.	0.75	6510	0.00	4882	4882
Total -A/Survey, Demarcation & Fencing:						38247	42123.56
Or Say						38200	42100
B.	PLANTING:-						
1	Bush Cutting in Strips (3m x 3m)	ha.	1	1192.80	7.95	2981.25	3728.55
2	Digging of Pits of 45x45x45cm Size	No.	1100	9.54	69.96	26235	32811.24
3	Filling of Pits of 45x45x45 cm size	No.	1100	2.72	19.95	7481.25	9356.55
4	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	KM/ No.	1100	1.9	27.87	10451.25	13071.03
5	Planting of Plants Raised in P/Bags	No.	1100	2.18	15.99	5996.25	7499.31
6	Construction of Inspection Path	Rmt.	100	11	7.33	2748.75	3437.77
7	Cost of Sign Board, Carriage & Fixing	No.	0	LS	0.00	450	450
Total -B/Planting:						56343.75	70354.45
Or Say						56300	70300
Grand Total (A+B):						94500	112400


 Pr. Chief Conservator of Forests (HoFF), Himachal Pradesh

Himachal Pradesh State CAMPA

COMPENSATORY AFFORESTATION - FENCING WITH RCC FENCE POSTS

Norms for Maintenance of old Plantations in Non-Tribal & Tribal Areas for 2023-24 w.e.f. 01.04.2023

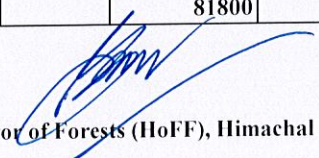
(Model: 1100 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Quantity	Rate per Unit at the wage rate of Rs.150/-	Amount at wage rate of Rs.150/- for Non-	Mandays involved	Amount at the wage rate of Rs. 375/- for Non-Tribal areas	Amount at the wage rate of Rs. 469/- for Tribal areas
1st YEAR MAINTENANCE (30 % BEATING UP):								
1	Re-digging of Pits 45x45x45 cm	No.	330	4.77	1574.00	10.49	3933.75	4919.81
2	Filling of Pits 45x45x45 cm	No.	330	2.72	898.00	5.99	2246.25	2809.31
3	Planting of Plants raised in P/Bags	No.	330	2.18	719.00	4.79	1796.25	2246.51
4	Carriage of Plants in P. Bags over a distance of 2 Km uphill/ downhill	KM/ No.	330	1.9	1254.00	8.36	3135.00	3920.84
5	Repair of Fencing	Rmt	60	1.80	108.00	0.72	270.00	337.68
Total/1st Year Maintenance:							11381.25	14234.15
Or Say							11400	14200
2nd YEAR MAINTENANCE (20 % BEATING UP):								
1	Re-digging of Pits 45x45x45 cm	No.	220	4.77	1049.40	7.00	2623.50	3281.12
2	Filling of Pits 45x45x45 cm	No.	220	2.72	598.40	3.99	1496.00	1871.00
3	Planting of Plants raised in P/Bags	No.	220	2.18	479.60	3.20	1199.00	1499.55
4	Carriage of Plants in P. Bags over a distance of 2 Km uphill/ downhill	No.	220	1.9	836.00	5.57	2090.00	2613.89
5	Repair of Fencing	Rmt	60	1.80	108.00	0.72	270.00	337.68
Total/2nd Year Maintenance:							7678.5	9603.244
Or Say							7700	9600
3rd to 10th YEAR MAINTENANCE (10 % BEATING UP):								
1	Re-digging of Pits 45x45x45 cm	No.	110	4.77	524.70	3.50	1311.75	1640.56
2	Filling of Pits 45x45x45 cm	No.	110	2.72	299.20	1.99	748.00	935.50
3	Planting of Plants raised in P/Bags	No.	110	2.18	239.80	1.60	599.50	749.77
4	Carriage of Plants in P. Bags over a distance of 2 Km uphill/ downhill	No.	110	1.9	418.00	2.79	1045.00	1306.95
5	Repair of Fencing	Rmt	60	1.80	108.00	0.72	270.00	337.68
Total/3rd Year Maintenance:							3974.25	4970.462
Or Say							3900	4900

Pr. Chief Conservator of Forests (HoFF), Himachal Pradesh

PLANTATIONS UNDER CAT PLANS - FENCING WITH RCC FENCE POSTS
Norm for NEW PLANTATION in Non-Tribal & Tribal Areas for 2023-24 w.e.f. 01.04.2023
 (Model: 1100 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qty.	Rate per Unit at the wage rate of Rs.150/-	Mandays involved	Amount at wage rate of Rs. 375/- for Non-Tribal areas	Amount at wage rate of Rs. 469/- for Tribal areas
A SURVEY, DEMARCATION & FENCING:-							
1	Survey & Demarcation of Plantation Area	ha.	1	101.00	0.67	251.25	314.23
2	Preparation / Purchase of RCC Fence Post @ rate 358 Rs. Per post	No.	50	358.00	0.00	17900	17900
3	Carriage of RCC Fence Post upto 165 cm long over a distance of 2 km uphill/downhill	KM/ No.	50	33.5	22.33	8373.75	10472.77
4	Preparation /Digging of Holes of 20x30x50 cm size	No.	50	9.06	3.02	1132.5	1416.38
5	Fixing of RCC Fence Post i/c Strutting	No.	50	7.16	2.39	896.25	1120.91
6	Carriage of B/Wire over distance 2 Kms uphill/downhill	KM/ Qtl.	0.75	73.65	0.74	277.5	347.06
7	Stretching & Fixing of Barbed Wire in 4 Strands	Rmt.	600	4.80	8.00	3000	3752
8	Interlacing of Thorny Bushes along the Fence	Rmt.	150	4.09	4.09	1533.75	1918.21
9	Cost of Barbed Wire	Qtl.	0.75	6510	0.00	4882.00	4882.00
Total -A/Survey, Demarcation & Fencing:						38247	42123.56
Or Say						38200	42100
B. PLANTING:-							
1	Bush Cutting in Strips (3m x 3m)	ha.	1	1192.80	7.95	2981.25	3728.55
2	Digging of Pits of 45x45x45 cm Size	No.	550	9.54	34.98	13117.50	16405.62
3	Digging of Pits of 30x30x30 cm Size	No.	550	4.77	17.49	6558.75	8202.81
4	Filling of Pits of 45x45x45 cm size	No.	550	2.72	9.97	3738.75	4675.93
5	Filling of Pits of 30x30x30 cm size	No.	550	1.91	7.00	2625.00	3283.00
6	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	KM/ No.	550	1.9	13.93	5223.75	6533.17
7	Carriage of naked root Plants over a distance 2 Km uphill/downhill	KM/ No.	550	0.26	1.91	716.25	895.79
8	Planting of Plants Raised in P/Bags	No.	550	2.18	7.99	2996.25	3747.31
9	Planting of Plants with naked roots	No.	550	1.83	6.71	2516.25	3146.99
10	Construction of Inspection Path	Rmt.	100	11	7.33	2748.75	3437.77
11	Cost of Sign Board, Carriage & Fixing	No.	0	LS	0.00	450.00	450.00
Total -B/Planting:						43672.5	54506.94
Or Say						43600	54500
Grand Total (A+B):						81800	96600


 Pr. Chief Conservator of Forests (HoFF), Himachal Pradesh

CAT

PLANTATIONS UNDER CAT PLANS - FENCING WITH RCC FENCE POSTS

Norm for **MAINTENANCE OF OLD PLANTATIONS** in Non-Tribal & Tribal Areas for 2023-24 w.e.f. 01.04.2023
(Model: 1100 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qty	Rate per Unit at wage rate of Rs.150/-	Mandays involved	Amount at wage rate of Rs. 375/- for Non- Tribal areas	Amount at wage rate of Rs. 469/- for Tribal areas
1st YEAR MAINTENANCE (30 % BEATING UP):							
1	Re-digging of Pits 45x45x45 cm	No.	165	4.77	5.25	1967.63	2460.84
2	Re-digging of Pits 30x30x30 cm	No.	165	2.38	2.62	981.75	1227.84
3	Filling of Pits 45x45x45 cm	No.	165	2.72	2.99	1122.00	1403.25
4	Filling of Pits 30x30x30 cm	No.	165	1.91	2.10	787.88	985.37
5	Planting of Plants raised in P/Bags	No.	165	2.18	2.40	899.25	1124.66
6	Planting of Plants with naked roots	No.	165	1.83	2.01	754.88	944.10
7	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	KM/ No.	165	1.9	4.18	1567.50	1960.42
8	Carriage of naked root plants over a distance 2 Km up/downhill	KM/ No.	165	0.26	0.57	214.50	268.27
9	Repair of Fencing	Rmt	60	1.80	0.72	270.00	337.68
Total/1st Year Maintenance:						8565.375	10712.43
Or Say						8500	10700
2nd YEAR MAINTENANCE (20 % BEATING UP):							
1	Re-digging of Pits 45x45x45 cm	No.	110	4.77	3.50	1311.75	1640.56
2	Re-digging of Pits 30x30x30cm	No.	110	2.38	1.75	654.50	818.56
3	Filling of Pits 45x45x45 cm	No.	110	2.72	1.99	748.00	935.50
4	Filling of Pits 30x30x30 cm	No.	110	1.91	1.40	525.25	656.91
5	Planting of Plants raised in P/Bags	No.	110	2.18	1.60	599.50	749.77
6	Planting of Plants with naked roots	No.	110	1.83	1.34	503.25	629.40
7	Carriage of Plants in P/Bags over a distance of 2 Km up/downhill	No.	110	1.9	2.79	1045.00	1306.95
8	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	No.	110	0.26	0.38	143.00	178.85
9	Repair of Fencing	Rmt	60	1.80	0.72	270.00	337.68
Total/2nd Year Maintenance:						5800.25	7254.18
Or Say						5800	7200
3rd to 5th YEAR MAINTENANCE (10 % BEATING UP):							
1	Re-digging of Pits 45x45x45 cm	No.	55	4.77	1.75	655.88	820.28
2	Re-digging of Pits 30x30x30 cm	No.	55	2.38	0.87	327.25	409.28
3	Filling of Pits 45x45x45 cm	No.	55	2.72	1.00	374.00	467.75
4	Filling of Pits 30x30x30 cm	No.	55	1.91	0.70	262.63	328.46
5	Planting of Plants raised in P/Bags	No.	55	2.18	0.80	299.75	374.89
6	Planting of Plants with naked roots	No.	55	1.83	0.67	251.63	314.70
7	Carriage of Plants in P. Bags over a distance 2 Km uphill/downhill	No.	55	1.9	1.39	522.50	653.47
8	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	No.	55	0.26	0.19	71.50	89.42
9	Repair of Fencing	Rmt	60	1.80	0.72	270.00	337.68
Total/3rd Year Maintenance:						3035.13	3795.93
Or Say						3000	3800

Pr. Chief Conservator of Forests (HoFF), Himachal Pradesh

PLANTATIONS UNDER CAT PLANS - FENCING WITH WOODEN FENCE POSTSNorm for **ASSISTED NATURAL REGENERATION (ANR) PLANTATION** in Non-Tribal & Tribal Areas for 2023-

24 w.e.f 01.04.2023

(Model: 250 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qty.	Rate per Unit at the wage rate of Rs.150/-	Mandays involved	Amount at the wage rate of Rs. 375/- for Non - Tribal areas	Amount at the wage rate of Rs. 469/- for Tribal areas
A SURVEY, DEMARCATION & FENCING:-							
1	Survey & Demarcation of Plantation Area	ha.	1	101.00	0.67	251.25	314.23
2	Cutting and prepration of wooden Fence Posts 1.85 mt long and 8 to 10 cm dia including debarking and fashioning the top 1.5 cms in conical shape.	No.	50	12.95	4.32	1620	2026.08
3	Carriage of wooden Fence Post over a distance of 2 km	KM/ No.	50	6.82	4.55	1706.25	2133.95
4	Charring and coaltaring of ends of fence posts upto 45 at bottom and 15 cms at conical end.	No.	50	2.8	0.93	348.75	436.17
5	Preparation /Digging of Holes of 20 to 30 cm dia	No.	50	9.07	3.02	1132.5	1416.38
6	Fixing of wooden Fence Post i/c Strutting	No.	50	7.16	2.39	896.25	1120.91
7	Carriage of B/Wire over distance 2 Kms uphill/downhill	KM/ Qtl.	0.75	73.65	0.74	277.5	347.06
8	Stretching & Fixing of Barbed Wire in 4 Strands	Rmt.	600	4.80	8.00	3000	3752
9	Interlacing of Thorny Bushes along the Fence	Rmt.	150	4	4.00	1500	1876
10	Cost of Barbed Wire	Qtl.	0.75	6510	0.00	4882.50	4882.50
Total -A/Survey, Demarcation & Fencing:						15615.00	18305.28
Or Say						15600	18300
B. PLANTING:-							
1	Bush Cutting/ cultural operations	ha.	1	1192.80	7.95	2981.25	3728.55
2	Digging of Pits of 45x45x45 cm Size	No.	125	9.54	7.95	2981.25	3728.55
3	Digging of Pits of 30x30x30 cm Size	No.	125	4.77	3.98	1492.5	1866.62
4	Filling of Pits of 45x45x45 cm size	No.	125	2.72	2.27	851.25	1064.63
5	Filling of Pits of 30x30x30 cm size	No.	125	1.91	1.59	596.25	745.71
6	Carriage of Plants in P. Bags over distance 2 Km uphill/downhill	KM/ No.	125	1.9	3.17	1188.75	1486.73
7	Carriage of naked root Plants over a distance 2 Km uphill/downhill	KM/ No.	125	0.26	0.43	161.25	201.67
8	Planting of Plants Raised in P/Bags	No.	125	2.18	1.82	682.5	853.58
9	Planting of Plants with naked roots	No.	125	1.83	1.53	573.75	717.57
Total -B/Planting:						11508.75	14393.61
Or Say						11500	14400
Grand Total (A+B):						27100	32700

Pr. Chief Conservator of Forests (HoFF), Himachal Pradesh

PLANTATIONS UNDER CAT PLANS - FENCING WITH WOODEN FENCE POSTS
Norm for MAINTENANCE OF ASSISTED NATURAL REGENERATION (ANR) PLANTATIONS
 in Non-Tribal & Tribal Areas for 2023-24 w.e.f. 01.04.2023
 (Model: 250 Plants per Hectare - Activity-wise Calculations)

Sr. No.	Particulars of Works	Unit	Qty	Rate per Unit at the wage rate of Rs.150/-	Mandays involved	Amount at the wage rate of Rs. 375/- for Non- Tribal areas	Amount at the wage rate of Rs. 469/- for Tribal areas
1st YEAR MAINTENANCE (30 % BEATING UP):							
1	Re-digging of Pits 45x45x45 cm	No.	37	4.77	1.18	441.23	551.83
2	Re-digging of Pits 30x30x30 cm	No.	37	2.38	0.59	220.15	275.33
3	Filling of Pits 45x45x45 cm	No.	37	2.72	0.67	251.60	314.67
4	Filling of Pits 30x30x30 cm	No.	37	1.91	0.47	176.68	220.96
5	Planting of Plants raised in P/Bags	No.	37	2.18	0.54	201.65	252.20
6	Planting of Plants with naked roots	No.	37	1.83	0.45	169.28	211.71
7	Carriage of Plants in P. Bags over distance of 2 Km uphill/downhill	KM/ No.	37	1.9	0.94	351.50	439.61
8	Carriage of naked root plants over a distance of 2 Km uphill/downhill	KM/ No.	37	0.26	0.13	48.10	60.16
9	Repair of Fencing	Rmt	60	1.80	0.72	270.00	337.68
Total/1st Year Maintenance:						2130.18	2664.14
Or Say						2100	2600
2nd YEAR MAINTENANCE (20 % BEATING UP):							
1	Re-digging of Pits 45x45x45 cm	No.	25	4.77	0.80	298.13	372.86
2	Re-digging of Pits 30x30x30 cm	No.	25	2.38	0.40	148.75	186.04
3	Filling of Pits 45x45x45 cm	No.	25	2.72	0.45	170.00	212.61
4	Filling of Pits 30x30x30 cm	No.	25	1.91	0.32	119.38	149.30
5	Planting of Plants raised in P/Bags	No.	25	2.18	0.36	136.25	170.40
6	Planting of Plants with naked roots	No.	25	1.83	0.31	114.38	143.05
7	Carriage of Plants in P. Bags over a distance of 2 Km uphill/downhill	No.	25	1.9	0.63	237.50	297.03
8	Carriage of Plants in P. Bags over a distance of 2 Km uphill/downhill	No.	25	0.26	0.09	32.50	40.65
9	Repair of Fencing	Rmt	60	1.80	0.72	270.00	337.68
Total/2nd Year Maintenance:						1526.88	1909.61
Or Say						1500	1900
3rd to 5th YEAR MAINTENANCE (10 % BEATING UP):							
1	Re-digging of Pits 45x45x45 cm	No.	12	4.77	0.38	143.10	178.97
2	Re-digging of Pits 30x30x30 cm	No.	12	2.38	0.19	71.40	89.30
3	Filling of Pits 45x45x45 cm	No.	12	2.72	0.22	81.60	102.05
4	Filling of Pits 30x30x30 cm	No.	12	1.91	0.15	57.30	71.66
5	Planting of Plants raised in P/Bags	No.	12	2.18	0.17	65.40	81.79
6	Planting of Plants with naked roots	No.	12	1.83	0.15	54.90	68.66
7	Carriage of Plants in P. Bags over a distance of 2 Km uphill/downhill	No.	12	1.9	0.30	114.00	142.58
8	Carriage of Plants in P. Bags over a distance of 2 Km uphill/downhill	No.	12	0.26	0.04	15.60	19.51
9	Repair of Fencing	Rmt	60	1.80	0.72	270.00	337.68
Total/3rd Year Maintenance:						873.30	1092.21
Or Say						900	1100

Pr. Chief Conservator of Forests (HoFF), Himachal Pradesh

PLANTATION UNDER CAT PLANS

Norms for NEW PLANTATION OF MEDICINAL SHRUBS AND HERBS in Non-Tribal & Tribal Areas for 2023-24 w.e.f. 01.04.2023

(Activity-wise Calculations)

A. Norm for New Plantation of Shrubs/ Perennial Herbs (Model: 4400 Plants per ha.)

Activity	Quantity	Rate at the Wage Rate of Rs. 150/-	Rate at the Wage Rate of Rs. 375/- Non - Tribal areas	Rate @ wage rate of 469/- for Tribal areas	Amount @ 375/- for Non-Tribal areas	Amount @ 469/- for Tribal areas
Bush cutting in strips/ patches (L/S)	LS	LS	LS	LS	2076.77	2600.93
Preparation of patches including digging & refilling (0.75x0.75x0.30m3)	1100 No.	1110.46 per 100	2770 per 100	3466.8 per 100	30310.10	37819.36
		Per 100				
Planting of plants in patches	4400 No.	226.5 per 400	565.5 per 400	706.2 per 400	6171.25	7714.06
Cost of carriage of Plants (L/S)	LS	LS			4806.05	6019.00
Total					43364.17	54153.35
Or say					43300	54100
Nursery cost of Plants	4400 No.	3.4	8.56	10.7	37664	47080
or say					37600	47000
Grand Total			0	0	80900	101100

B. Norms for New Plantation of Annual/ Biannual Herbs (Model: 13200 Plants per ha.)

Activity	Quantity	Rate at the Wage Rate of Rs. 150/-	Rate at the Wage Rate of Rs. 375/- Non - Tribal areas	Rate @ wage rate of 469/- for Tribal areas	Amount @ 375/- for Non-Tribal areas	Amount @ 469/- for Tribal areas
Bush cutting in strips/ patches (L/S)	LS	LS	LS	LS	2263.68	2835.01
Preparation of trenches/ patches including digging & stacking of soil along berms (1.00x0.50x0.15m3) @ Rs. 1041.79/100	1100 No.	1041.79 per 100	2580 per 100	3227.12 per 100	28380.00	35497.00
Planting of plants in patches @ 295.21/1200	13200 No.	295.21 per 1200	684 per 1200	852 per 1200	8055.39	10035.10
Cost of carriage of Plants (L/S)	LS	LS			5575.02	6982.04
Total			0.00	0.00	44274.09	55349.15
Or say					44200	55300
Nursery cost of Plants	13200 No.	2.38	5.93	7.43	78276	98076
Or say					78200	98000
Grand Total			0	0	122400	153300

Principal CCE (HoFF), Himachal Pradesh

w.e.f. 01.04.2023

Maintenance of old Plantations (NON TRIBAL AREA) @ Wage Rate Rs 375/-

Component	No. of Plants per Hectare	Nursery cost @ Rs 5.93	Planting cost @ Rs 0.61	Carriage Cost Rs @0.42	Redigging Cost @ Rs 2.15	Total cost per Hectare	or Say (Rs.)
1st Year Maintenance(5% Beating up)	660	3913.8	402.6	277.2	1419	6012.6	6000
2 nd Year Maintenance(3% Beating up)	400	2372	244	168	860	2784	2700
3 rd Year Maintenance(2% Beating up)	250	1482.5	152.5	105	537.5	1740	1700

	Maintenance of plantations (TRIBAL AREA) @ Wage Rate Rs 469/-
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Component	No. of Plants per Hectare	Nursery cost @7.43	Planting cost @ Rs 0.76	Carriage Cost Rs @ 0.52	Redigging Cost @ Rs 2.68	Total cost per Hectare	or Say (Rs.)
1 st Year Maintenance(5% Beating up)	660	4903.8	501.6	343.2	1768.8	7517.4	7500
2 nd Year Maintenance(3% Beating up)	400	2972	304	208	1072	4556	4500
3 rd Year Maintenance(2% Beating up)	250	1857.5	190	130	670	2847.5	2800

Principal CCF (HoFF), Himachal Pradesh

w.e.f. 01.04.2023

Maintenance of old Plantations (NON TRIBAL AREA) @ Wage Rate Rs. 375/-

Component	No. of Plants per Hectare	Nursery cost @ Rs 8.56	Planting cost @ Rs 1.40	Redigging Cost @ Rs 6.88	Planting & Digging Cost	Carriage Cost @ Rs 1.09	Total cost per Hectare	or Say Total Cost per Hectare (Rs.)
1 st Year Maintenance (10% Beating up)	440	3766.4	616	3027.2	3643.2	479.6	7889.2	7800
2 nd Year Maintenance (8% Beating up)	352	3013.12	492.8	2421.76	2914.56	383.68	6311.36	6300
3 rd Year Maintenance (5% Beating up)	220	1883.2	308	1513.6	1821.6	239.8	3944.6	3900

Maintenance of old Plantations (TRIBAL AREA) @ Wage Rate Rs 469/-

Component	No. of Plants per Hectare	Nursery cost Rs@10.7	Planting cost @ Rs 1.75	Reddiging Cost @ Rs 8.59	Planting & Digging Cost	Carriage Cost Rs @1.36	Total cost per Hectare	or Say Total Cost per Hectare (Rs.)
1st Year Maintenance(10% Beating up)	440	4708	770	3779.6	4549.6	598.4	9856	9800
2 nd Year Maintenance(8% Beating up)	352	3766.4	616	3023.68	3639.68	478.72	7884.8	7800
3 rd Year Maintenance(5% Beating up)	220	2354	385	1889.8	2274.8	299.2	4928	4900

ICC (HoFF), Hi

REHABILITATION OF AREAS INFESTED WITH INVASIVE ALIEN SPECIES UNDER NPV
Norm for **CLEARING OF AREAS INFESTED UP TO 25%** in Non-Tribal Areas for 2023-24 w.e.f.
01.04.2023

Sr. No	Particulars of work	Qnty.	Unit	Amount @ Rs.300/=	Amount @ Rs.375/=
YEAR-I					
1	Survey and Demarcation of plantation area l/c marking of sections, path and preparation of map	0	Mandays/ Per Ha.	0	0
2	Cutting/ removal/ disposal of lantana (Cut Root Stock Method)	39.7		11898	14767.8
3	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08		924	1146.87
4	Cleaning of lantana (sprouts) & seedlings One time after first cut	2		600	744.72
5	Tending operations	1.15		345	428.214
6	Cost of seed	1	Kg./ Ha.	1144.89	1421.04
Total				14911.9	18508.6
7	Contingency @ 5% of total cost			745.594	925.432
G. Total				15657.5	19434.1
Or Say				15650	19400
*Contingencies: For tools,photos,documentation,exposure visits,workshops etc.					
Norm for 1st MAINTENANCE OF CLEARED AREAS INFESTED UP TO 25% in Non-Tribal Areas for 2023-24					
YEAR -II					
1	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08	Mandays/ Per Ha.	924	1146.87
2	Cleaning of lantana (sprouts) and seedlings, 3 times throghout the year	6		1800	2234.16
3	Cost of seed	1	Kg./ Ha.	1144.89	1421.04
4	Tending operations	1.15	Mandays/ Per Ha.	345	428.214
Total				4213.89	5230.28
Or Say				4210	5200
Norm for 2ND MAINTENANCE OF CLEARED AREAS INFESTED UP TO 25% in Non-Tribal Areas for 2023-24					
YEAR - III					
1	Cleaning of lantana (sprouts) and seedlings, 3 times throghout the year.	4.5	Mandays/ Per Ha.	1350	1675.62
2	Tending operations	1.15		345	428.214
Total				1695	2103.83
Or Say				1695	2100
Norm for 3RD MAINTENANCE OF CLEARED AREAS INFESTED UP TO 25% in Non-Tribal Areas for 2023-24					
YEAR - IV					
1	Cleaning of lantana (sprouts) and seedlings, 3 times throghout the	4.5	Mandays/ Per Ha.	1350	1675.62
2	Tending operations	1.15		345	428.214
Total				1695	2103.83
Or Say				1695	2100
Total Cost including Maintenance				23250	28800

Pr. Chief Conservator of Forests (HoFF), HP

REHABILITATION OF AREAS INFESTED WITH INVASIVE ALIEN SPECIES UNDER NPV
Norm for CLEARING OF AREAS INFESTED UP TO 50%
in Non-Tribal Areas for 2023-24 w.e.f.01.04.2023

Sr. No	Particulars of work	Quantity	Unit	Amount @ Rs. 300/-	Amount @ Rs. 375/-
YEAR-I					
1	Survey and Demarcation of plantation area l/c marking of sections, path and preparation of map	0	Mandays/ Per Ha.	0	
2	Cutting/ removal/ disposal of lantana (Cut Root Stock Method)	68		20298	25193.878
3	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08		924	1146.8688
4	Cleaning of lantana(sprouts) and seedlings One time after first cut	4		1200	1489.44
5	Tending operations	1.2		345	428.214
6	Cost of seed	1	Kg./Ha.	1144.889	1421.0367
Total				23911.89	29679.437
7	Contingency @ 5% of total cost			1195.594	1483.9719
G.Total				25107.48	31163.409
Or Say				25100	31100
Norm for 1st MAINTENANCE OF CLEARED AREAS INFESTED UP TO 50% in Non-Tribal Areas for 2023-24					
YEAR -II					
1	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08	Mandays/ Per Ha.	924	1146.8688
2	Cleaning of lantana (sprouts) and seedlings, 3 times throghout the year	12		3600	4468.32
3	Cost of seed	1	Kg./Ha.	1144.889	1421.0367
4	Tending operations	1.2	Mandays/ Per Ha.	345	428.214
Total				6013.889	7464.4395
Or Say				6010	7400
Norm for 2ND MAINTENANCE OF CLEARED AREAS INFESTED UP TO 50% in Non-Tribal Areas for 2023-24					
YEAR - III					
1	Cleaning of lantana (sprouts) and seedlings, 3 times throghput the year	9	Mandays/ Per Ha.	2700	3351.24
2	Tending operations	1.2		345	428.214
Total				3045	3779.454
Or Say				3045	3700
Norm for 3RD MAINTENANCE OF CLEARED AREAS INFESTED UP TO 50% in Non-Tribal Areas for 2023-24					
YEAR - IV					
1	Cleaning of lantana (sprouts) and seedlings, 3 times throghput the year	9	Mandays/ Per Ha.	2700	3351.24
2	Tending operations	1.2		345	428.214
Total				3045	3779.454
Or Say				3045	3700
Total Cost including Maintenance				37200	45900

Pr. Chief Conservator of Forests (HoFF), HP

REHABILITATION OF AREAS INFESTED WITH INVASIVE ALIEN SPECIES UNDER NPV

Norm for **CLEARING OF AREAS INFESTED UP TO 75%**

in Non-Tribal Areas for 2023-24 w.e.f.01.04.2023

Sr. No	Particulars of work fencing	Qty.	Unit	Amount @ Rs. 300/-	Amount @ Rs. 375/-
YEAR-I					
1	Survey and Demarcation of plantation area I/c marking of sections, path and preparation of map	0	Mandays/ Per Ha.	0	
2	Cutting/ removal/ disposal of lantana (Cut Root Stock Method)	86.33		25899	32145.8388
3	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08		924	1146.8688
4	Cleaning of lantana (sprouts) and seedlings One time after first cut	6		1800	2234.16
5	Tending operations	1.15		345	428.214
6	Cost of seed	1	Kg./ Ha.	1144.88941	1421.03674
Total				30112.8894	37376.1183
7	Contingency @5% of total cost			1505.64	1868.81
G.Total				31618.5339	39244.9243
Or Say				31615	39200
Norm for 1st MAINTENANCE OF CLEARED AREAS INFESTED UP TO 75% in Non-Tribal Areas for 2023-24					
YEAR -II					
1	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08	Mandays/ Per Ha.	924	1146.8688
2	Cleaning of lantana (sprouts) and seedlings, 3 times throghout the year	15		4500	5585.4
3	Cost of seed	1	Kg./Ha.	1144.99627	1421.16937
4	Tending operations	1.15	Mandays/ Per Ha.	345	428.214
Total				6913.99627	8581.65217
Or Say				6910	8500
Norm for 2ND MAINTENANCE OF CLEARED AREAS INFESTED UP TO 75% in Non-Tribal Areas for 2023-24					
YEAR - III					
1	Cleaning of lantana (sprouts) and seedlings, 3 times throghput the year	13	Mandays/ Per Ha.	3900	4840.68
2	Tending operations	1.15		345	428.214
Total				4245	5268.894
Or Say				4245	5200
Norm for 3RD MAINTENANCE OF CLEARED AREAS INFESTED UP TO 75% in Non-Tribal Areas for 2023-24					
YEAR - IV					
1	Cleaning of lantana (sprouts) and seedlings, 3 times throghput the year	13	Mandays/ Per Ha.	3900	4840.68
2	Tending operations	1.15		345	428.214
Total				4245	5268.894
Or Say				4245	5200
Total Cost including Maintenance				47015	58100

Pr. Chief Conservator of Forests (HoFF), HP

REHABILITATION OF AREAS INFESTED WITH INVASIVE ALIEN SPECIES UNDER NPV
Norm for CLEARING OF AREAS INFESTED UP TO 100%
in Non-Tribal Areas for 2023-24 w.e.f. 01.04.2023

Sr. No	Particulars of work fencing	Qty.	Unit	Amount @ Rs. 300/-	Amount @ Rs. 375/-
YEAR-I					
1	Survey and Demarcation of plantation area l/c marking of sections, path and preparation of map	0	Mandays/ Per Ha.	0	0
2	Cutting/ removal/ disposal of lantana (Cut Root Stock Method)	105		31500	39097.8
3	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08		924	1146.8688
4	Cleaning of lantana(sprouts) and seedlings One time after first cut	8		2400	2978.88
5	Tending operations	1.15		345	428.214
6	Cost of seed	1	Kg./ Ha.	1144.88941	1421.0367
Total				36313.89	45072.80
7	Contingency @5% of total cost			1815.69	2253.64
G. Total				38129.58	47326.44
or say				38130	47300
Norm for 1st MAINTENANCE OF CLEARED AREAS INFESTED UP TO 100% in Non-Tribal Areas for 2023-24					
YEAR -II					
1	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08	Mandays/ Per Ha.	924	1146.8688
2	Cleaning of lantana (sprouts) and seedlings, 3 times throghout the year	15		4500	5585.4
3	Cost of seed	1	Kg./ Ha.	1144.89	1421.04
4	Tending operations	1.15	Mandays/ Per Ha.	345	428.214
Total				6913.88941	8581.5195
Or Say				6910	8500
Norm for 2nd MAINTENANCE OF CLEARED AREAS INFESTED UP TO 100% in Non-Tribal Areas for 2023-24					
YEAR - III					
1	Cleaning of lantana (sprouts) and seedlings, 3 times throghout the year	13	Mandays/ Per Ha.	3900	4840.68
2	Tending operations	1.15		345	428.214
Total				4245	5268.894
Or Say				4245	5200
Norm for 3rd MAINTENANCE OF CLEARED AREAS INFESTED UP TO 100% in Non-Tribal Areas for 2023-24					
YEAR - IV					
1	Cleaning of lantana (sprouts) and seedlings, 3 times throghout the year	13	Mandays/ Per Ha.	3900	4840.68
2	Tending operations	1.15		345	428.214
Total				4245	5268.894
Or Say				4245	5200
Total Cost including Maintenance				53530	66200

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