



No. Ft. CAMPA/2010/Norms/

Dated: Shimla-1, the 10 JUL 2010

From: Principal CCF (HoFF), HP

To: 1. Principal CCF (Wildlife), Shimla  
2. All CCFs/ CFs (T/Soil/WL/GHNP) in HP

**Subject: Revised Cost Norms for Rehabilitation of Forest Areas Infested with Invasive Alien Species for the year 2014-15.**

Memo:

I am directed to enclose herewith Revised Norms for Rehabilitation of Forest Areas Infested with Invasive Alien Species to be applied under NPV Sectors of State CAMPA for the year 2014-15. The norms have been revised at the wage rate of Rs. 170/- per day, and will be applicable with effect from 01.04.2014.

2. It is informed that in the Revised Cost Norms, the *Lantana* Eradication Scheme, being implemented under NPV sector of CAMPA, has been remodelled by delinking the planting activity from other *lantana* eradication activities/works. Now, the planting in *lantana* eradicated areas has been made optional and has been added as a sub-activity rather than being part of integrated scheme. Further that the revised norms have been prepared and approved to bring uniformity in the implementation of activities for the rehabilitation of forest areas infested with invasive alien species under State CAMPA.

It is, therefore, requested that the revised norms may please be adopted and applied for Rehabilitation of Forest Areas Infested with Invasive Alien Species under NPV Sectors of State CAMPA during the year 2014-15.

Encl: As above

  
Addl. Principal C.C.F. (CAT Plans), Shimla  
9.7.14.

Endst. No. As above/

Dated: Shimla-1, the

Copy, along with a copy of revised norms for Rehabilitation of Forest Areas Infested with Invasive Alien Species for 2014-15, is forwarded to:-

- 1 Addl. Pr. CCFs (Fin. & Plg.) / (M&E), Shimla and (R&T), Sundernagar for information please.
- 2 CCF (IT), Shimla for getting the Revised Norms uploaded on HPFD website.
- 3 All DFOs (T/WL) in HP

Encl: As above

  
Addl. Principal C.C.F. (CAT Plans), Shimla  
9.7.14.

**COST NORMS FOR REHABILITATION OF FOREST AREAS INFESTED WITH INVASIVE ALIEN SPECIES UP TO 25% FOR 2014-15 (AT THE WAGE RATE OF Rs.170/-)**

Sr. No	Particulars of work	Qty.	Unit	Rate	Amount @ Rs.170/=
<b>YEAR-I</b>					
1	Survey and Demarcation of plantation area I/c marking of sections, path and preparation of map	0		170	0.00
2	Cutting/ removal/ disposal of lantana.(Cut Root Stock Method)	39.66	Mandays/ Per Ha.	170	6742.20
3	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08		170	523.60
4	Cleaning of lantana (sprouts) and seedlings One time after first cut	2		170	340.00
5	Tending operations	1.15		170	195.50
6	Cost of seed	1	Kg./ Ha.	650.00	650.00
<b>Total</b>					<b>8451.30</b>
7	Contingency @ 5% of total cost				422.57
<b>G. Total</b>					<b>8873.87</b>
<b>Or Say</b>					<b>8850.00</b>

\*Contingencies: For tools,photos,documentation,exposure visits,workshops etc.

**COST NORMS FOR 1st MAINTENANCE OF AREAS INFESTED UP TO 25% For 2014-15**

<b>YEAR -II</b>					
1	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08	Mandays/ Per Ha.	170	523.60
2	Cleaning of lantana (sprouts) and seedlings, 3 times throughout the year	6		170	1020.00
3	Cost of seed	1	Kg./ Ha.	650	650.00
4	Tending operations	1.15	Mandays/ Per Ha.	170	195.50
<b>Total</b>					<b>2389.10</b>
<b>Or Say</b>					<b>2400.00</b>

**NORMS FOR 2ND MAINTENANCE OF AREAS INFESTED UP TO 25% For 2014-15**

<b>YEAR - III</b>					
1	Cleaning of lantana (sprouts) and seedlings, 3 times throughout the year.	4.5	Mandays/ Per Ha.	170	765.00
2	Tending operations	1.15		170	195.50
<b>Total</b>					<b>960.50</b>
<b>Or Say</b>					<b>950.00</b>

**Total Cost including Maintenance**

**12200.00**

*(Signature)*  
Principal CCF (HoFF), HP



**COST NORMS FOR REHABILITATION OF FOREST AREAS INFESTED WITH INVASIVE ALIEN SPECIES UP TO 50% for 2014-15 (At the Wage Rate of Rs. 170/-)**

Sr. No	Particulars of work	Qnty.	Unit	Rate	Amount @ Rs. 170/-
<b>YEAR-I</b>					
1	Survey and Demarcation of plantation area l/c marking of sections, path and preparation of map	0	Mandays/ Per Ha.	170	0.00
2	Cutting/ removal/ disposal of lantana (Cut Root Stock Method)	67.66		170	11502.20
3	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08		170	523.60
4	Cleaning of lantana(sprouts) and seedlings One time after first cut	4		170	680.00
5	Tending operations	1.15		170	195.50
6	Cost of seed	1	Kg./Per Ha.	650	650.00
<b>Total</b>					<b>13551.30</b>
7	Contingency @ 5% of total cost				677.57
<b>G.Total</b>					<b>14228.87</b>
<b>Or Say</b>					<b>14250.00</b>

**COST NORMS FOR 1st MAINTENANCE OF AREAS INFESTED UP TO 50% for 2014-15**

<b>YEAR -II</b>					
1	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08	Mandays/ Per Ha.	170	523.60
2	Cleaning of lantana (sprouts) and seedlings, 3 times throughout the year	12		170	2040.00
3	Cost of seed	1	Kg./Per Ha.	650	650.00
4	Tending operations	1.15	Mandays/ Per Ha.	170	195.50
<b>Total</b>					<b>3409.10</b>
<b>Or Say</b>					<b>3400.00</b>

**NORMS FOR 2ND MAINTENANCE OF AREAS INFESTED UP TO 50%**

<b>YEAR - III</b>					
1	Cleaning of lantana (sprouts) and seedlings, 3 times throughout the year	9	Mandays/ Per Ha.	170	1530.00
2	Tending operations	1.15		170	195.50
<b>Total</b>					<b>1725.50</b>
<b>Or Say</b>					<b>1700.00</b>

**Total Cost including Maintenance**

**19350.00**

*[Signature]*  
Principal CCF (HoFF), HP

**COST NORMS FOR REHABILITATION OF FOREST AREAS INFESTED WITH INVASIVE ALIEN SPECIES UP TO 75% for 2014-15 (At the Wage Rate of Rs. 170/-)**

Sr. No	Particulars of work fencing	Qnty.	Unit	Rate	Amount @ Rs. 170/-
<b>YEAR-I</b>					
1	Survey and Demarcation of plantation area l/c marking of sections, path and preparation of map	0		170	0.00
2	Cutting/ removal/ disposal of lantana (Cut Root Stock Method)	86.33		170	14676.10
3	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08	Mandays/ Per Ha.	170	523.60
4	Cleaning of lantana (sprouts) and seedlings One time after first cut	6		170	1020.00
5	Tending operations	1.15		170	195.50
6	Cost of seed	1	Kg./ Ha.	650	650.00
	<b>Total</b>				<b>17065.20</b>
7	Contingency @5% of total cost				853.26
	<b>G.Total</b>				<b>17918.46</b>
	Or Say				<b>17900.00</b>

**COST NORMS FOR 1st MAINTENANCE OF AREAS INFESTED UP TO 75% for 2014-15**

<b>YEAR -II</b>					
1	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08		170	523.60
2	Cleaning of lantana (sprouts) and seedlings, 3 times throughout the year	15	Mandays/ Per Ha.	170	2550.00
3	Cost of seed	1	Kg./Ha.	650	650.00
4	Tending operations	1.15	Mandays/ Per Ha.	170	195.50
	<b>Total</b>				<b>3919.10</b>
	Or Say				<b>3900.00</b>

**NORMS FOR 2ND MAINTENANCE OF AREAS INFESTED UP TO 75% for 2014-15**

<b>YEAR - III</b>					
1	Cleaning of lantana (sprouts) and seedlings, 3 times throughout the year	13	Mandays/ Per Ha.	170	2210.00
2	Tending operations	1.15		170	195.50
	<b>Total</b>				2405.50
	Or Say				<b>2400.00</b>

**Total Cost including Maintenance 24200.00**

Principal CCF (HoFF), HP

**COST NORMS FOR REHABILITATION OF FOREST AREAS INFESTED WITH INVASIVE ALIEN SPECIES UP TO 100% for 2014-15 (At the Wage Rate of Rs. 170/-)**

Sr. No	Particulars of work fencing	Qnty.	Unit	Rate	Amount @ Rs. 170/-
<b>YEAR-I</b>					
1	Survey and Demarcation of plantation area l/c marking of sections, path and preparation of map	0		170.00	0.00
2	Cutting/ removal/ disposal of lantana (Cut Root Stock Method)	105	Mandays/ Per Ha.	170.00	17850.00
3	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08		170.00	523.60
4	Cleaning of lantana(sprouts) and seedlings One time after first cut	8		170.00	1360.00
5	Tending operations	1.15		170.00	195.50
6	Cost of seed	1	Kg./ Ha.	650.00	650.00
<b>Total</b>					<b>20579.10</b>
7	Contingency @5% of total cost				1028.96
<b>G. Total</b>					<b>20599.00</b>
<b>or say</b>					<b>20600.00</b>

**PER HECTARE COST NORMS FOR 1st MAINTENANCE OF AREAS INFESTED UP TO 100% for 2014-15**

<b>YEAR -II</b>					
1	Broadcast sowing of grass seed including conversion into pellets in plantation area	3.08		170.00	523.60
2	Cleaning of lantana (sprouts) and seedlings, 3 times throughout the year	15	Mandays/ Per Ha.	170.00	2550.00
3	Cost of seed	1	Kg./ Ha.	650.00	650.00
4	Tending operations	1.15	Mandays/ Per Ha.	170.00	195.50
<b>Total</b>					<b>3919.10</b>
<b>Or Say</b>					<b>3900.00</b>

**PER HECTARE COST NORMS FOR 2ND MAINTENANCE OF AREAS INFESTED UP TO 100% for 2014-15**

<b>YEAR - III</b>					
1	Cleaning of lantana (sprouts) and seedlings, 3 times throughout the year	13	Mandays/ Per Ha.	170.00	2210.00
2	Tending operations	1.15		170.00	195.50
<b>Total</b>					<b>2405.50</b>
<b>Or Say</b>					<b>2400.00</b>

**Total Cost including Maintenance** **26900.00**

*[Signature]*  
Principal CCF (HoFF), HP



**PER HECTARE COST NORMS FOR PLANTING IN LANTANA ERADICATED AREAS  
WITH 500 PLANTS PER HECTARE FOR 2014-15 (At the wage Rate of Rs. 170/-)**

Sr. No	Particulars of work fencing	Qty.	Unit	Rate	Amount @ Rs. 170/-
<b>YEAR-I</b>					
<b>I</b>	<b>Planting Cost</b>				
1	Survey and Demarcation of plantation area l/c marking of sections, path and preparation of map	0.68	Mandays	170.00	115.60
2	Digging of Pits 30 cm x 30 cm x 30 cm	500	No./ Ha.	5.41	2702.92
3	Filling of pits. 30 cm x 30 cm x30 cm.	500	No./ Ha.	2.15	1076.64
4	Carriage of plants in polythene bags (Up Hill side )	500	No./ Ha.	2.47	1235.30
5	Planting of P/bag plants in pits including ramming	500	No./ Ha.	2.47	1235.30
6	Mulching of plants.	500	No./ Ha.	0.62	311.66
7	Cost of Plants	500	No./ Ha.	5.38	2691.59
	<b>Total</b>				<b>9368.99</b>
	<b>Or Say</b>				<b>9350.00</b>
<b>II</b>	Fencing Cost (with brush wood Fencing)	150	Rmt	17.91	2685.92
	<b>Or Say</b>				<b>2650.00</b>
	<b>Grand Total</b>				<b>12000.00</b>
<b>COST NORMS FOR 1st MAINTENANCE OF PLANTING IN LANTANA ERADICATED AREAS for 2014-15</b>					
<b>YEAR - II</b>					
1	Re-digging of pits 30 cmx 30 cm x 30 cm.	150	No./ Ha.	2.70	404.59
2	Filling of pits. 30 cm x 30 cm x30 cm.	150	No./ Ha.	2.15	322.99
3	Carriage of plants in polythene bags (Up Hill side ).	150	No./ Ha.	2.47	370.59
4	Planting of plants in pits l/c ramming raised in p/bags	150	No./ Ha.	2.47	370.59
5	Mulching of plants.	150	No./ Ha.	0.62	93.50
6	Cost of Plants	150	No./ Ha.	5.38	807.48
7	Maintenance of Fencing (50 Rmt./ Ha.)	0.65	Mandays	170.00	110.50
	<b>Total</b>				<b>2480.23</b>
	<b>Or Say</b>				<b>2500.00</b>

P.T.O.

**COST NORMS FOR 2ND MAINTENANCE OF PLANTING IN LANTANA ERADICATED AREAS for  
2014-15**

**YEAR - III**

1	Re-digging of pits 30 cm x 30 cm x 30 cm.	75	No./ Ha.	2.70	202.29
2	Filling of pits. 30 cm x 30 cm x30 cm.	75	No./ Ha.	2.15	161.50
3	Carriage of plants in polythene bags (Up Hill side ).	75	No./ Ha.	2.47	185.29
4	Planting of plants in pits l/c ramming raised in p/bags	75	No./ Ha.	2.47	185.29
5	Mulching of plants.	75	No./ Ha.	0.62	46.75
6	Cost of Plants	75	No./ Ha.	5.38	403.74
7	Maintenance of Fencing (50 Rmt./ Ha.)	0.65	Mandays	170.00	110.50
<b>Total</b>					<b>1295.36</b>
<b>Or Say</b>					<b>1300.00</b>
<b>Total Cost including Maintenance</b>					<b>15800.00</b>
					<i>principle</i>
					Principal CCF (HoFF), HP