

Management Plan

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**FOREST DEVELOPMENT CORPORATION
OF MAHARASHTRA LTD.**

A Govt. of Maharashtra Enterprise



**MANAGEMENT PLAN
OF
BRAMHAPURI FOREST PROJECT DIVISION,
BRAMHAPURI**

FOR THE PERIOD
2025-26 TO 2034-35

VOLUME-II

By

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VOLUME - II

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Appendix No. I

Divisional Area Statement

Sr. No.	Name of Range	Forest Area (ha)	% Area of Division
1	Balapur	7757.208	27 %
2	Sindewahi	5310.567	18 %
3	Pathari	6187.716	21 %
4	Wadsa	4912.020	17 %
5	Porla	4968.710	17%
Total :		29136.221	100 %

Appendix- II (A)
Enumeration and its results
Teak Plantation Management Working Circle (1.00 ha.)

Sr. No.	Species	Girth Class										Total
		16-30	31-45	46-60	61-75	76-90	91-105	106-120	121-135	136-150	151 Over	
1	Teak	160.69	59.57	10.44	1.82	1.01	0.20	0.10	0.00	0.00	0.00	233.84
2	Ain	0.00	3.14	2.63	1.93	1.32	1.52	1.01	0.10	0.10	0.20	11.96
3	Bija	0.00	0.61	0.51	0.41	0.81	0.91	0.81	0.10	0.20	0.10	4.46
4	Haldu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	kalam	0.00	0.20	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.30
6	Sisham	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
7	Khair	0.00	0.61	0.30	0.10	0.20	0.00	0.00	0.00	0.00	0.00	1.22
8	Dhawada	0.00	2.03	2.94	1.93	1.22	0.81	0.71	0.10	0.20	0.20	10.13
9	Karai	0.00	0.00	0.00	0.20	0.10	0.10	0.10	0.00	0.00	0.00	0.51
10	Garadi	0.20	4.76	2.53	1.72	0.30	0.10	0.00	0.00	0.00	0.10	9.73
11	Surya	0.00	0.30	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.71
12	Kakad	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Bell	0.00	0.41	0.30	0.10	0.20	0.00	0.00	0.00	0.00	0.00	1.01
14	Sehana	0.10	5.07	1.32	1.11	0.71	0.20	0.10	0.00	0.00	0.00	8.61
15	Moha	0.10	2.63	2.74	2.43	1.82	2.03	0.71	0.71	0.30	0.61	14.08
16	Parad	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.10
17	Behada	0.10	0.51	0.10	0.20	0.30	0.10	0.10	0.10	0.10	0.20	1.82
18	Awada	0.00	0.20	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.41
19	Other	0.20	7.80	6.38	5.37	4.15	1.72	0.91	0.91	0.51	0.30	28.27
	Total	161.40	87.84	30.70	17.53	12.16	7.80	4.56	2.03	1.42	1.82	327.25

Area (Ha.) : 6561.708

Sample Plots (No) : 123

Sample Area (Ha.) : 9.876

Conversion Working Circle (1.00 ha.)

Sr. No.	Species	Girth Class										Total
		16-30	31-45	46-60	61-75	76-90	91-105	106-120	121-135	136-150	151 Over	
1	Teak	3.24	1.93	1.60	0.52	0.56	0.19	0.00	0.00	0.00	0.00	8.04
2	Ain	2.63	8.09	6.21	3.57	3.48	3.34	1.22	1.27	0.94	0.47	31.22
3	Bija	0.42	1.50	2.30	2.49	1.55	1.22	1.13	0.28	0.33	0.94	12.18
4	Haldu	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.09
5	kalam	0.00	0.28	0.66	0.38	0.14	0.09	0.05	0.00	0.00	0.05	1.65
6	Sisham	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Khair	0.28	2.40	1.69	1.36	0.33	0.14	0.00	0.00	0.00	0.00	6.21
8	Dhawada	2.26	4.80	4.89	4.18	3.57	2.16	1.46	0.52	0.38	0.99	25.20
9	Karai	0.05	0.09	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.24
10	Garadi	2.77	7.80	4.98	3.34	0.94	0.85	0.52	0.00	0.00	0.00	21.20
11	Surya	0.09	0.47	0.14	0.09	0.09	0.00	0.05	0.00	0.00	0.00	0.94
12	Kakad	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Bel	0.05	0.14	0.19	0.09	0.19	0.05	0.00	0.00	0.00	0.00	0.71
14	Sehana	2.44	4.00	3.10	1.74	1.08	0.33	0.28	0.05	0.14	0.05	13.21
15	Moha	0.94	2.68	3.86	3.43	2.21	1.41	1.27	0.71	0.33	0.56	17.40
16	Parad	0.00	0.09	0.00	0.05	0.09	0.00	0.00	0.05	0.00	0.00	0.28
17	Behada	0.05	0.28	0.56	0.24	0.24	0.28	0.09	0.00	0.05	0.19	1.97
18	Awada	0.00	0.24	0.09	0.09	0.05	0.00	0.00	0.00	0.00	0.00	0.47
19	Other	2.59	13.35	9.45	10.06	7.99	4.04	2.35	1.83	0.85	0.99	53.50
	Total	17.82	48.14	39.77	31.69	22.61	14.10	8.42	4.70	3.01	4.23	194.50

Area (Ha.) : 12442.660

Sample Plots (No) : 265

Sample Area (Ha.) : 21.270

Protection Working Circle (1.00 ha.)

Sr. No.	Species	Girth Class										Total
		16-30	31-45	46-60	61-75	76-90	91-105	106-120	121-135	136-150	151 Over	
1	Teak	0.00	0.26	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.33
2	Ain	0.00	11.35	5.28	8.02	1.89	2.15	0.72	0.65	0.00	0.07	30.14
3	Bija	0.00	1.83	1.70	0.98	1.11	0.78	0.39	0.07	0.07	0.00	6.91
4	Haldu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	kalam	0.00	0.59	0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.85
6	Sisham	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Khair	0.00	4.17	1.11	0.46	0.07	0.26	0.00	0.00	0.00	0.00	6.07
8	Dhawada	0.00	4.89	4.57	1.50	4.83	0.13	0.07	0.07	0.00	0.00	16.05
9	Karai	0.00	0.07	0.07	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.26
10	Garadi	0.20	5.94	3.33	2.02	0.00	0.00	0.00	0.00	0.00	0.00	11.48
11	Surya	0.00	1.24	2.74	4.37	0.20	0.00	0.00	0.07	0.00	0.00	8.61
12	Kakad	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
13	Bel	0.00	0.72	0.72	0.13	0.00	0.00	0.00	0.00	0.00	0.00	1.57
14	Sehana	0.00	2.61	0.98	0.91	0.13	0.07	0.07	0.00	0.00	0.00	4.76
15	Moha	0.00	4.96	4.37	2.35	0.52	1.70	0.26	0.13	0.00	0.07	14.35
16	Parad	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Behada	0.00	0.78	0.46	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1.44
18	Awada	0.00	1.70	0.20	0.13	0.00	0.07	0.00	0.00	0.00	0.00	2.09
19	Other	0.00	22.18	18.13	8.15	11.74	0.78	1.70	0.20	0.07	0.13	63.08
	Total	0.20	63.34	43.77	29.48	20.48	5.94	3.26	1.17	0.13	0.26	168.04

Area (Ha.) : 10151.853

Sample Plots (No) : 191

Sample Area (Ha.) : 15.337

Appendix No. II (B)

Regeneration Survey

Teak Plantation Management Working Circle (1.00 ha.)

Sr. No.	Species	No. of Plants			Total Plant per Ha.
		0-50 cm Ht	51-100 cm Ht	100+ cm Ht	
1	Teak	85.41	96.56	27.96	209.93
2	Ain	8.00	2.03	0.41	10.44
3	Bija	1.62	0.61	0.20	2.43
4	Haldu	0.10	0.51	0.00	0.61
5	kalam	0.91	0.41	0.10	1.42
6	Sisham	1.01	0.41	0.10	1.52
7	Khair	1.22	1.22	0.00	2.43
8	Dhawada	2.63	1.22	0.30	4.15
9	Karai	0.30	0.00	0.10	0.41
10	Garadi	5.07	3.55	0.10	8.71
11	Surya	0.41	0.81	0.10	1.32
12	Kakad	0.10	0.41	0.10	0.61
13	Bell	0.30	0.61	0.51	1.42
14	Sehana	3.04	0.91	0.20	4.15
15	Moha	3.95	1.82	0.30	6.08
16	Parad	0.20	0.00	0.00	0.20
17	Behada	0.00	0.41	0.20	0.61
18	Awada	0.41	0.51	0.10	1.01
19	Other	22.49	8.31	2.23	33.03
	Total	137.18	120.26	33.03	290.48

Area (Ha.) : 6561.708

Sample Plots (No) : 123

Sample Area (Ha.) : 9.876

Conversion Working Circle (1.00 ha.)

Sr. No.	Species	No. of Plants			Total Plant per Ha.
		0-50 cm Ht	51-100 cm Ht	100+ cm Ht	
1	Teak	3.86	0.09	0.05	4.00
2	Ain	15.37	5.64	1.60	22.61
3	Bija	3.01	1.13	0.19	4.33
4	Haldu	0.00	0.00	0.00	0.00
5	Kalam	1.79	0.42	0.28	2.49
6	Sisham	0.00	0.00	0.00	0.00
7	Khair	2.30	0.56	0.00	2.87
8	Dhawada	8.27	3.81	0.99	13.07
9	Karai	0.09	0.05	0.00	0.14
10	Garadi	10.91	3.62	1.27	15.80
11	Surya	0.00	0.05	0.05	0.09
12	Kakad	0.09	0.14	0.00	0.24
13	Bell	0.09	0.09	0.05	0.24
14	Sehana	6.02	2.63	0.09	8.74
15	Moha	4.00	2.82	0.66	7.48
16	Parad	0.05	0.19	0.00	0.24
17	Behada	0.24	0.05	0.00	0.28
18	Awada	0.05	0.05	0.09	0.19
19	Other	25.15	11.24	2.63	39.02
	Total	81.29	32.58	7.95	121.81

Area (Ha.) : 12442.660

Sample Plots (No) : 265

Sample Area (Ha.) : 21.270

Protection Working Circle (1.00 ha.)

Sr. No.	Species	No. of Plants			Total Plant per Ha.
		0-50 cm Ht	51-100 cm Ht	100+ cm Ht	
1	Teak	0.07	0.13	0.26	0.46
2	Ain	9.00	3.33	0.39	12.72
3	Bija	2.61	3.07	0.13	5.81
4	Haldu	0.00	0.00	0.00	0.00
5	Kalam	0.65	2.28	0.26	3.20
6	Sisham	0.13	0.00	0.00	0.13
7	Khair	0.98	1.24	0.39	2.61
8	Dhawada	2.61	4.04	1.11	7.76
9	Karai	0.20	0.13	0.00	0.33
10	Garadi	4.37	3.33	1.30	9.00
11	Surya	0.00	0.07	0.00	0.07
12	Kakad	0.00	0.07	0.00	0.07
13	Bell	0.00	0.00	0.00	0.00
14	Sehana	4.50	2.22	0.33	7.05
15	Moha	1.76	1.96	4.11	7.83
16	Parad	0.00	0.00	0.00	0.00
17	Behada	1.17	0.78	0.07	2.02
18	Awada	0.26	0.91	0.65	1.83
19	Other	17.48	9.59	5.87	32.94
	Total	45.79	33.14	14.87	93.80

Area (Ha.) : 10151.853

Sample Plots (No) : 191

Sample Area (Ha.) : 15.337

Appendix No. II (C)

NTFP Survey

This division area has got potential to produce various kinds of NTFP's.

List is given bellow

Sr. No.	NTFP's Produce
1	Tendu Leaves
2	Moha flowers & seeds
3	Broom grass
4	Honey
5	Lac
6	Gum from Kulu, Dhawada, Ain, Khair, etc.
7	Charoli
8	Fruits of Harda, Behada, Awala
9	Seeds of Karanj, Kusum
10	Medicinal Plants- Dikamali, Murudsheng, Gulvel, Shatawari. Gunj, etc.

Appendix No. III

Research Plot (Size 50 x 50 Mt.)

Sr. No.	Range	Species	Comptt. No.	Year of Plantation	Area of Plantation	No. of Plots	GPS READING
1	Balapur	Teak	54	1988	20.000	23	N.20 ⁰ .604312 E.079 ⁰ .814198
			71	2002	21.985		N.20 ⁰ .290203 E.079 ⁰ .44104
			71	2003	7.000		N.20 ⁰ .291453 E.079 ⁰ .434565
			73	2006	23.536		N.20 ⁰ .271399 E.079 ⁰ .430444
			74	2006	25.000		N.20 ⁰ .261731 E.079 ⁰ .441240
			69	2006	15.475		N.20 ⁰ .301973 E.079 ⁰ .425786
			62	2006	18.655		N.20 ⁰ .2911 E.079 ⁰ .4811
			52	2006	19.517		N.20 ⁰ .606429 E.079 ⁰ .745977
			52	2007	20.800		N.20 ⁰ .5136 E.079 ⁰ .742001
			62	2007	22.435		N.20 ⁰ .4337 E.079 ⁰ .7323
			73	2007	18.115		N.20 ⁰ .49324 E.079 ⁰ .7854
			52	2008	10.500		N.20 ⁰ .642142 E.079 ⁰ .742392
			74	2008	26.600		N.20 ⁰ .259706 E.079 ⁰ .440790
			62	2010	21.800		N.20 ⁰ .2911 E.079 ⁰ .4811
			70	2010	22.500		N.20 ⁰ .292008 E.079 ⁰ .432128
			74	2010	17.175		N.20 ⁰ .259706 E.079 ⁰ .0910
			60	2011	25.000		N.20 ⁰ .202929 E.079 ⁰ .4926
			62	2011	20.000		N.20 ⁰ .202920 E.079 ⁰ .4741
			70	2011	18.000		N.20 ⁰ .205061 E.079 ⁰ .7127
			74	2011	40.000		N.20 ⁰ .204538 E.079 ⁰ .728982
			60	2012	25.000		N.20 ⁰ .202947 E.079 ⁰ .794925
			62	2012	20.000		N.20 ⁰ .496455 E.079 ⁰ .7926
			72	2012	44.000		N.20 ⁰ .454548 E.079 ⁰ .7245
	Total				503.093		

Sr. No.	Range	Species	Compt. No.	Year of Plantation	Area of Plantation	No. of Plots	GPS READING
2	Sindewahi	Teak	139	2004	18.000	17	N.20 ⁰ .1770.3 E.079 ⁰ .44'31.2
			173	2005	15.000		N.20 ⁰ .14'95.00 E.079 ⁰ .42'47.7
			139	2006	18.000		N.20 ⁰ .17'48.2 E.079 ⁰ .44'27.0
			168	2007	22.400		N.20 ⁰ .17'33.8 E.079 ⁰ .41'88.9'
			169	2008	36.000		N.20 ⁰ .17'22.2' E.079 ⁰ .42'35.20'
			136	2009	8.000		N.20 ⁰ .18'59.4' E.079 ⁰ .42'69.2'
			137	2010	17.000		N.20 ⁰ .17'96.0 E.079 ⁰ .43'01.2'
			139	2011	18.000		N.20 ⁰ .17'22.8 E.079 ⁰ .45'13.2'
			168	2011	21.000		N.20 ⁰ .27'89.2 E.079 ⁰ .69'74.5'
			169	2011	17.500		N.20 ⁰ .26'87.4 E.079 ⁰ .69'31.4
			172	2011	21.500		N.20 ⁰ .24'52.3 E.079 ⁰ .69'31.9
			115	2011	19.000		N.20 ⁰ .19'24.1 E.079 ⁰ .43'37.5
			115	2012	25.000		N.20 ⁰ .19'10.9 E.079 ⁰ .43'49.1
			172	2012	21.825		N.20 ⁰ .24'96.9 E.079 ⁰ .70'34.7
			139	2012	25.000		N.20 ⁰ .17'47.8 E.079 ⁰ .44'84.3
			135	2012	25.000		N.20 ⁰ .18'18.4 E.079 ⁰ .45'25.5
			170	2012	20.000		N.20 ⁰ .27'43.0 E.079 ⁰ .67'94.92'
	Total				348.225		
3	Pathari	Teak	129	2006	20.900	12	N20 ⁰ 19' 50.4" E079 ⁰ 49' 10.4"
			140	2007	20.600		N20 ⁰ 18' 06.4" E079 ⁰ 50' 02.7"
			131	2008	17.325		N20 ⁰ 18' 50.2" E079 ⁰ 48' 27.4"
			131	2009	15.475		N20 ⁰ 30' 70.9" E079 ⁰ 81' 37.4"
			140	2010	20.175		N20 ⁰ 18' 16.7" E079 ⁰ 50' 20.6"
			129	2011	20.000		N20 ⁰ 19' 10.1" E079 ⁰ 48' 11.3"
			131	2011	20.000		N20 ⁰ 32' 69.49"E079 ⁰ 81' 1.56"
			140	2011	15.000		N20 ⁰ 30' 82.54"E079 ⁰ 81' 8.18"
			129	2012	25.000		N20 ⁰ 30' 70.09" E079 ⁰ 81' 7.4"
			141	2012	25.000		N20 ⁰ 30' 87.7" E079 ⁰ 81'75.93"
			129	2013	25.000		N20 ⁰ 36' 92.46"E079 ⁰ 81' 30.4"
	Total				249.475		

Appendix No. IV

Rights and Concession

The Forest area (Being Reserve Forest) comes under Bramhapuri Project Division are not burdened with any rights & concessions except right of way & access to water. However, various concessions have been extended from time to time to agriculturists and others of certain villages to graze their cattle in accordance with grazing rules issued Government Resolution vide No. MFP-1371/237035-Z, Dated 3rd November, 1973. Agriculturists are also allowed at concessional rates certain items of forest produce and these are mentioned as under.

- (i) Grazing of cattle belonging to the agriculturists of assigned villages in accordance with the grazing rules in force.
- (ii) Certain quantity of Bamboo and firewood is made available to agriculturists in the vicinity for their Bonafide use at the concessional rates from the Sale depot. None of these concessions are legal rights and they can be modified by the Government.

Statement Showing The Nistar Supply

Sr. No.	Year of Working	Non Teak Beat	Long Bamboo	Beneficiary
1	2015-16	214.50	0	215
2	2016-17	174.50	0	175
3	2017-18	676.50	0	466
4	2018-19	941.00	0	862
5	2019-20	846.00	0	566
6	2020-21	524.00	0	425
7	2021-22	1101.50	0	924
8	2022-23	1272.50	0	1002
9	2023-24	986.50	0	986
10	2024-25	325.00	300	326
	Total	7062.00	300	5947

Appendix No. V

Lease of Land

No area in this division is given on lease by FDCM

Appendix No. VI

FCA land diversions, Status of afforestation of CA land and their notification

- 2.210 ha. Area of Compartment No. 57 of Balapur Range diverted for Gosekhurd project.

APENDIXX NO. VII

Range, Round & Beat (With Area & HQ)

Range, Round & Beat (With Area & HQ)							
Sr.No	Range	HQ	Round	HQ	Beat	HQ	Area
1	2	3	4	5	6	7	8
1	Balapur	Balapur	Mendki -1	Mendki	Mendki-1	Mendki	1169.160
					Mendki-2	Tulanmal	1761.590
			Bramhapuri	Bramhapuri	Bramhapuri	Bramhapuri	1313.608
					Paharni	Paharni	589.790
			Balapur	Balapur	Mindala	Mindala	1492.080
					Balapur	Balapur	1430.980
	Total						7757.208
2	Sindewahi	Sindewahi	South Sindewahi	Sindewahi	Saradpar	Murmadi	728.850
					Chitki	Sindewahi	875.323
					Gadmoushi	Sindewahi	913.254
			North Sindewahi	Sindewahi	Maregaon	Sindewahi	1619.550
					Kachepar	Sindewahi	1173.590
	Total						5310.567
3	Pathari	Pathari	North Pathari	Pathari	Pathari	Pathari	1457.590
			South Pathari	Pathari	Navegaon	Navegaon	1352.670
					Meha	Pathari	1161.840
			Palebarsa	Pathari	Samda	Samda	1010.880
					Kanhargaon	Kanhargaon	1204.736
	Total						6187.716
4	Wadsa	Wadsa	Wadsa -1	Dongargaon	Vihirgaon	Vihirgaon	1222.100
					Bhagwanpur	Bhagwanpur	1025.000
			Wadsa -2	Salmara	Dongargaon	Dongargaon	1406.730
					Salmara-2	Salmara	1258.190
	Total						4912.020
5	Porla	Porla	Maroda	Maroda	Maroda	Maroda	902.860
					Gurwada	Gurwada	895.160
			Porla	Porla	Navargaon	Navargaon	956.260
					Churchura	Churchura	819.890
					Salmara-1	Salmara	1394.540
	Total						4968.710
	Grand Total						29136.221

Appendix No. VIII

Buildings

Types of building	Date of Construction
(A) Balapur Range	
1)Type I Single Unit	30.9.1996
2)Type I Double Unit	30.9.1996
3)Type II Single Unit	30.9.1996
4)Type II Double Unit	30.9.1996
5)Type II Single Unit	30.9.1996
6)Type III Single Unit	30.9.1996
7)Outhouse (kitchen with Toilet)	29.07.2010
8)Construction of Naka Chauki	15.08.2015
(B) Pathari Range	
1)Type I Double Unit	25.3.1998
2)Type II Double Unit	30.9.1996
3)Type III Single Unit	25.3.1998
4)Range Office	25.3.1998
(C) Sindewahi Range	
1)Type I Double Unit(A)	25.3.1998
2)Type I Double Unit(B)	25.3.1998
3)Type II Double Unit	25.3.1998
4)Type III Double Unit	25.3.1998
5)Range Office	25.3.1998
6)Urinal	19.12.2007
7)Auction Hall	19.12.2007
8) Inspection Hut	25.01.2010
9) Out house cum kitchen	25.01.2010
10)Construction of Naka Chauki	02.06.2013
11)Construction of Naka Chauki	01.04.2017
(D)Wadsa Range	
1) Construction of Naka Chauki Vihirgaon	01.04.2017

Appendix No. IX

Divisional Forest Officers

Sr. No.	Name of Divisional Manager's	Period	
		From	Upto
1	S. B. Ramteke	24.12.1987	14.04.1991
2	S. K. Kulkarni	14.04.1991	03.01.1995
3	S. S. Dikshit	03.01.1995	12.03.1996
4	P. S. Ubale	12.03.1996	17.04.2000
5	M. P. Bhalerao (Add.)	17.04.2000	06.07.2000
6	A. S. Kalaskar	06.07.2000	17.10.2003
7	M. P. Bhalerao (Add.)	17.10.2003	26.07.2004
8	H. M. Bhosale	26.07.2004	04.06.2005
9	Nina Khandekar (I.F.S.)	04.06.2005	09.06.2005
10	A. V. Mardikar (I.F.S.)	09.06.2005	18.09.2006
11	M. M. Kulkarni (Add.)	18.09.2006	03.10.2006
12	B. J. Bhutada	03.10.2006	22.06.2008
13	D. Y. Khaire (Add.)	22.06.2008	09.07.2008
14	S. B. Khairnar	09.07.2008	30.09.2010
15	G. N. Dhapudkar	30.09.2010	31.05.2014
16	S. W. Birhade (Add.)	01.06.2014	21.06.2014
17	P. S. Rajput	22.06.2014	31.05.2018
18	S. B. Patil	01.06.2018	30.09.2018
19	D. S. Chandekar (Add.)	01.10.2018	11.10.2020
20	Aditi Bhardwaj (I.F.S.)	12.10.2020	29.10.2021
21	R. K. Patil (Add.)	29.10.2021	-

Appendix No. X

JFMC/ BMC

As per discussion in Standing Consultative Committee meeting, the mandate is different, hence not applicable to this Division.

Appendix No. XI

Fire incidences

Sr. No.	Year	Range	No. of Incidence	Burned Area (ha)
1	2015	Balapur	15	68.500
2		Sindewahi	4	16.000
3		Pathari	5	10.000
4		Wadsa	1	1.500
5		Porla	2	5.000
		Total	27	101.000
1	2016	Balapur	21	102.500
2		Sindewahi	8	21.000
3		Pathari	6	11.500
4		Wadsa	4	16.500
5		Porla	2	3.500
		Total	41	155.000
1	2017	Balapur	16	40.800
2		Sindewahi	1	2.000
3		Pathari	6	17.000
4		Wadsa	2	4.600
5		Porla	0	0
		Total	25	64.400
1	2018	Balapur	13	40.800
2		Sindewahi	6	9.200
3		Pathari	4	12.725
4		Wadsa	10	1.500
5		Porla	1	24.960
		Total	34	89.185
1	2019	Balapur	7	8.588
2		Sindewahi	1	3.000
3		Pathari	3	4.800
4		Wadsa	5	7.670
5		Porla	7	6.400
		Total	23	30.458
1	2020	Balapur	19	42.450
2		Sindewahi	7	10.300
3		Pathari	9	13.733
4		Wadsa	3	5.500
5		Porla	16	21.400
		Total	54	93.383

1	2021	Balapur	12	21.500
2		Sindewahi	5	11.700
3		Pathari	2	1.150
4		Wadsa	6	3.200
5		Porla	10	7.440
		Total	35	44.990
1	2022	Balapur	5	6.700
2		Sindewahi	3	5.500
3		Pathari	3	3.500
4		Wadsa	2	2.100
5		Porla	2	4.600
		Total	15	22.400
1	2023	Balapur	4	6.700
2		Sindewahi	3	4.900
3		Pathari	3	3.500
4		Wadsa	2	2.100
5		Porla	3	9.100
		Total	15	26.300

Appendix No. XII

Forest Offence

Sr. No.	Year	Offence cases book	Offence cases decided
1	2015-16	67	67
2	2016-17	49	49
3	2017-18	75	75
4	2018-19	81	81
5	2019-20	70	67
6	2020-21	145	145
7	2021-22	69	38
8	2022-23	37	16
9	2023-24	35	4
Total		628	542

Appendix No. XIII (A)

Statement of individual/community rights given under FRA

No individual/community rights recognized under FRA during previous management plan.

Appendix No. XIII (B)

Statement on community forest resources rights given under FRA

No community forest resources rights recognized under FRA during previous management plan.

Appendix No. XIII (C)

Statement on forest land diverted under Section 3(2) of the FRA

Sr. No.	Range	Comptt. No.	Diverted Area (ha)	Purpose
1	Sindewahi	172	0.114	Underground water pipeline for Pimpaldand chek & Ghot village
2	Balapur	76	0.600	Jawarabodi-Chichkheda Village Road
		Total	0.714	

Appendix No. XIV

Statement on the WBI in the division

Sawmill Id	Name of sawmill	Name of sawmill Owner	Address of Sawmill	Sawmill License No.
MH0673CHBR	Laxmi Sawmill, Bramhapuri	Shri Kallusing Ganesrao Bilgaiyya	Nagbhir road, Bramhapuri, Dist. Chandrapur	13/2000
MH0686CHBR	Prakash Sawmill, Sindewahi	Shri Prakash Hanumantrao Tumme	Dasra Chouk, Ward No. 1, Sindewahi, Dist. Chandrapur	08/2000
MH0687CHBR	Panchshil Sawmill, Sindewahi	Shri Santosh Vinayak Khobragade	At. Sindewahi, Dist. Chandrapur	02/2000
MH0680CHBR	Pathan Sawmill, Nawargaon	Shri Ashfak khan Ali Sherkhan Majid khan Pathan	At. Nawargaon, Ta. Sindewahi, Dist. Chandrapur	15/2000
MH0683CHBR	Sant Tukaram Sawmill, Nawargaon	Shri Shamrao Tukaram Gahane, Shri Arvind Tukaram Gahane	At. Nawargaon, Ta. Sindewahi, Dist. Chandrapur	03/2000
MH0681CHBR	Bhanarkar Sawmill, Bramhapuri	Shri Vilas Motiram Bhanarkar	Peth ward, Ta. Bramhapuri, Dist. Chandrapur	04/2000
MH0682CHBR	Urade Sawmill, Bramhapuri	Smt. Rajani Rameshrao Urade	Ta. Bramhapuri, Dist. Chandrapur	01/2000
MH0676CHBR	Kishor Sawmill, Bramhapuri	Smt. Yamunabai Kashinath Amle	Dhummarkheda Ward, Wadsa road, Ta. Bramhapuri, Dist. Chandrapur	12/2000
MH0677CHBR	Laxmi Sawmill, Nawargaon	Shri Anil Gangadhar Bodane	At. Nawargaon, Ta. Sindewahi, Dist. Chandrapur	16/2000
MH0674CHBR	Purnachandra Sawmill, Nagbhir	Shri Ramdas Punaji Giripunje	Ta. Nagbhir, Dist. Chandrapur	10/2000
MH0685CHBR	Patel wood product & Sawmill, Chimur	Shri Manjur Ahamad Bashir Ahamad Patel, Shri Mahaful Ahamad Bashir Ahamad Patel, Shri Maksud Ahamad Bashir Ahamad Patel	Ta. Chimur, Dist. Chandrapur	05/2000
MH0679CHBR	Jayaswal Sawmill, Talodhi	Shri Shamkumar Sukhlal Jayaswal	At. Talodhi (Balapur), Ta. Nagbhir, Dist. Chandrapur	07/2000
MH0684CHBR	Kishor Sawmill, Bhis	Shri Chandrakant Baburao Channe	At. Tilak ward, Ta. Chimur, Dist. Chandrapur	11/2000
MH0675CHBR	Gajanan Sawmill, Nagbhir	Shri Suresh Damodhar Gawande	Ta. Nagbhir, Dist. Chandrapur	14/2000
MH0641CHBR	Shri Sawmill, Bramhapuri	Shri Gourav Lalji Patel	Patel Nagar, Ta. Bramhapuri, Dist. Chandrapur	09/2000

Appendix No. XV

List of forest blocks/reserve forest with notification - register of reserves

Sr. No.	Range	Forest Blocks	Notification
1	Balapur	• Bramhapuri Reserve Forest Block	Block notification of Reserved Forest on Dated 24 February 1879
2	Sindewahi	• Sindewahi Reserve Forest Block	
3	Pathari	• Murza Reserve Forest Block • Vihar Reserve Forest Block	
4	Wadsa	• Wadsa Reserve Forest Block • Armori Reserve Forest Block	
5	Porla	• Wairagad Reserve Forest Block • Deora Reserve Forest Block • Gadchiroli Reserve Forest Block	

Appendix No. XVI

Register of boundary pillars

Sr. No.	Range	No. of Boundary Pillars		Length of external boundary maintain in Km.
		A-class	B-class	
1	Balapur	149	1453	160.430
2	Sindewahi	74	278	35.400
3	Pathari	70	707	76.744
4	Wadsa	168	824	108.795
5	Porla	102	259	106.210
Total		563	3521	487.579

Appendix No. XVII

Statement on the free grants given to the beneficiaries

Nil

Appendix No. XVIII

Central Provision gazette notification No. 917 Dated 24th February 1879

THE CENTRAL PROVINCES GAZETTE, MARCH 1, 1879

Dated Nagpur, the February 1879.

No. 917i - In exercise of the powers conferred by Section 34 of the Indian Forest Act, 1878, the Chief Commissioner hereby declares the lands described in the Schedule hereto annexed to be Reserved Forest :-

District	Pargana or other Sub-Division	Name of Forest.	Description of boundaries.
Chanda	Tahsil Bramhapuri	Banwye	Bounded on the north by boundary of Bhandara District: east by Mauza Mangli: south by Mauza Mohali : and west by Mauza Banwye and Bikli.
	Tahsil Warora and Bramhapuri	Perzagarh, Srikarrah, Govindpur, Talodhi, Nawargaon, and Gaidongari.	Bounded on the north by Mauzas Jhari, Erun, Bikli, Mohali, Kunghada, Rangathur, Kuserla, Dongargaon Khurd, Nowkhalla, Nagbhir, Tukm Thiveli, Thirverlla, Khyri, Sulajhuri, Khyri Bazrug, Mindala, Khotepar, Iajhuri, Khyri Bazrug, Mindala, Khotepar, Chindi, Kitadi, Kitadi Mendha, Wasla Maindha, Gowarpait, Waigaon, Chorti, Dhamangaon, Chandgaon, Tukm Chandgaon, Maldongri, Tukm Dhanoli, Chawgaon, Juknalla and Mangli: east and south by mauzas Rui, Mui, Talodi, Akapur, Jolabori, Tukm Maindha, Gaidongri, Tukum Gaidongri, Thulan Maindha, Khambara, Sewasagar, Bondha Rajoli, Dorli, Akapur, Usarla, Sawahla, Talodhi, Saongi, Jankapur, Chicholla, Wowlla, Safaipar, Sanoli, Govindpur, Yenoli, Sonapur, Dhamangaon, Tukm Manapur, Chargaon, Mendha, Wunli, Wawargaon, Sonoli, Nander, Kuchepar, Girgaon, Alisur, Nawargaon, Ratnapur, Purkepar, Kuksi, Shioni, Garbori, Saugor, Jhari, Maheswani, Wasala, Jomsala, and Nallesur : South-West by boundary line of Moharli reserved forests and mauzas Pipal Heti and Pandharwani, west by mauzas Piparda, Parna handla, Surandi, Wasanvihirah, Khatora, Warsi, Khanora, Harni, Maugli, Nowtala, Mahadwari, Khewara, Monepar, Paindri, Kokawan, Matagaon, Oparpaich, Khotala, Gorewat, Kajalsar, Araigaon, Bothli, Lawari, Sarangarh, Lohaira, Nowtalla, Madnagarh, Mahar Muzra, Doma, Tukm Dongargaon, Warrala, Kaitari Hirapur, Susondri, Khandalla, Kawarsi, and Dahigaon.

District	Pargana other Division	Name of Forest	Description of boundaries
Chanda	Tahsil Bramhapuri	Umarwahi	Bounded on the north by mauza Uti : east and south by mauza Umarwahi : and west by river Gandar.
		Tukum Dewarra	Bounded on the north by mauzas Nachanbhuti and Tukm Tekri, and mauza Minjhari : east by Tukm Dewara, and Shankarpur : south by mauzas Garburi, Umarwahi, Uti, and Tukm Uti No. I : and west by mauza Kaksi and Tukm Uti No. II.
Chanda	Tahsil Bramhapuri	Garburi	Bounded on the north by mauza Panburi : east by mauzas Tukum Ramarra and Tukum Wanairi : south by mauza Katangdari : and west by river Gandur.
		Wakal	Bounded on the north by mauza Wanvairi : east by Wanvairi Tekri : south and west by mauza Wakal.
		Larbori	Bounded on the north by mauza Palsori : east, south and west by mauza Larbori.
	Tahsil Bramhapuri and Mul.	Lohara, Sindewahi, Rajoli Tukum and Gunjewahi.	Bounded on the north by mauza Dorli: east by Yerrowli (stream) mauzas Palasgaon, Kitari, Nowagaon (stream) Aikal (stream) Soilda (stream) Tukm Tekri, Tekri Pownpair, Surraipair, Gunjwahi, Pathri (stream), Tambagari, Maindha, Chikmani, Saimarra, Metegaon, Pendhri mukta : south by mauzas Mankapur, Bharpaili, Sadagarh, Takuri, Marhagaon, Chiteygaon and Murwali : and west by Bukuru stream and mauzas Chickli, Dongargaon, Nowagaon, Rajoli Tukum, Land, Lenkhairi, Yerrua, Surarpar, Mormari, Kini, Tyagoudi, Sindwahi, Jatlapur, Dewkund, Karghatta, Gharmosi, Bhindalla, Chargaon, Alliwahi, Mendha and Mendha Haiti.
		Ballarpur, Kosambi- Alikla, Bhujmorjha, Antargaon, Wahar Buzrug, Nirapur, Bothli.	Bounded on the north by mauzas Ballarpur, Tukm Sewasagar, Rampur, Rewni, Koragaon, Nowargaon, Rudrapur, Karangaon, Segaoon, Bailgaon, Morepar, Tukm Morpar and Kosumbi east by mauzas Awalgaon, Hardi, Boradha, Kudarsawli, Balharpur, Murjha, Bondagaon, Akapur, Karrowli, Gewara Busurg, Saotarra, Chickli, Niphandra, Antargaon, Moha Buzrug, Gaidongri, Nimgaon, Dabgaon, Thergaon, Chichburi Tukm, Wehar Khurd, Kerrora, Kondkhal, Cholkhal, Upri, Nilazar.

Appendix No. XIX

Result of Stock Map

Sr. No.	Range	Name of working circle.	Site quality										Understocked	Scrub	Natural Blank	Water body	Total
			III			III/IV			IV								
			Teak	Misc.		Teak	Misc.		Teak	Misc.							
1	Balapur	T.P.M.W.C.	1076.611	215.321		0	0		0	0		0	0	0	0	0	1291.932
		C. W.C.	0	3206.313		0	1502.880		0	0		0	0	0	0	0	4709.193
		Protection W.C.	0	0		0	0		0	1169.913		477.420	35.240	22.760	50.750	1756.083	
		Total	1076.611	3421.634		0	1502.880		0	1169.913		477.420	35.240	22.760	50.750	7757.208	
2	Sindewahi	T.P.M.W.C.	1485.325	297.065		0	0		0	0		0	0	0	0	0	1782.390
		C. W.C.	0	1180.793		0	1765.284		0	0		0	0	0	0	0	2946.077
		Protection W.C.	0	0		0	0		0	0		213.760	0.000	7.350	360.990	582.100	
		Total	1485.325	1477.858		0	1765.284		0	0.000		213.760	0.000	7.350	360.990	5310.567	
3	Pathari	T.P.M.W.C.	665.555	133.111		0	0		0	0		0	0	0	0	0	798.666
		C. W.C.	0	66.750			12.960		0	0		0	0	0	0	0	79.710
		Protection W.C.	0	0		0	0		0	3837.480		667.150	504.390	0.000	300.320	5309.340	
		Total	665.555	199.861		0	12.960		0	3837.480		667.150	504.390	0.000	300.320	6187.716	
4	Wadsa	T.P.M.W.C.	1353.000	270.600		0	0		0	0		0	0	0	0	0	1623.600
		C. W.C.	0	1215.070		0	1764.470		0	0		0	0	0	0	0	2979.540
		Protection W.C.	0	0		0	0		0	0.000		162.130	0.000	87.990	58.760	308.880	
		Total	1353.000	1485.670		0	1764.470		0	0.000		162.130	0.000	87.990	58.760	4912.020	
5	Porla	T.P.M.W.C.	887.600	177.520		0	0		0	0		0	0	0	0	0	1065.120
		C. W.C.	0	1019.270		0	688.870		0	0		0	0	0	0	0	1708.140
		Protection W.C.	0	0		0	0		0	1358.610		90.640	700.090	2.910	43.200	2195.450	
		Total	887.600	1196.790		0	688.870		0	1358.610		90.640	700.090	2.910	43.200	4968.710	
Grand Total	Grand Total	T.P.M.W.C.	5468.091	1093.617		0	0		0	0		0	0	0	0	0	6561.708
		C. W.C.	0	6688.196		0	5734.464		0	0		0	0	0	0	0	12422.660
		Protection W.C.	0	0.000		0	0		0	6366.003		1611.100	1239.720	121.010	814.020	10151.853	
		Total	5468.091	7781.813		0	5734.464		0	6366.003		1611.100	1239.720	121.010	814.020	29136.221	

Appendix No. XX

Statement showing the Schedule of 1/5 Boundary Demarcation

Sr. No.	Year	Range	Comptt. No.	Length of external boundry required maintain in Km.	No. of Pillars for maintenance	
					A-Class	B-Class
1	2	3	4	5	6	7
1	2025-26	Balapur	72	7.040	12	58
			57	12.500	14	111
			Total :-	19.540	26.000	169.000
		Sindewahi	172	3.600	9	27
			136	2.250	5	17
			Total :-	5.850	14	44
		Pathari	167	11.831	6	112
			Total :-	11.831	6	112
		Wadsa	83A	14.500	22	115
			79	12.300	19	109
			32	9.840	9	18
			34	11.475	23	110
			Total :-	48.115	73	352
		Porla	37	12.300	11	22
			Total :-	12.300	11	22
			G. Total :	97.636	130.000	699.000
2	2026-27	Balapur	70	7.750	10	67
			71	3.630	10	26
			76	10.400	11	93
			52	12.100	10	111
			53	3.500	8	27
			Total :-	37.380	49.000	324.000
		Sindewahi	169	2.350	4	19
			137	2.250	4	18
			Total :-	4.600	8	37
		Pathari	163	6.800	14	54
			160	4.940	5	44
			129	1.600	3	13
			141	2.800	4	24
			Total :-	16.140	26.000	135.000
		Wadsa	83B	15.750	24	127
			80	8.850	8	37
			Total :-	24.600	32	164
		Porla	8	11.070	11	22
			151	9.250	10	20
			Total :-	20.320	21	42
			G. Total :	103.040	136.000	702.000

Sr. No.	Year	Range	Comptt. No.	Length of external boundry required maintain in Km.	No. of Pillars for maintenance	
					A-Class	B-Class
1	2	3	4	5	6	7
3	2027-28	Balapur	69	14.760	11	137
			77	12.800	7	121
			60	11.520	13	102
			Total :-	39.080	31.000	360.000
		Sindewahi	168	9.200	15	77
			115	2.500	3	22
			Total :-	11.700	18	99
		Pathari	164	6.287	8	55
			165	8.599	3	83
			130	4.000	0	40
			140	2.000	6	14
			Total :-	20.886	17	192
		Wadsa	123	6.900	12	67
			30	7.380	7	15
			Total :-	14.280	19	82
		Porla	143	7.400	9	18
			36	10.800	17	82
			2	8.600	5	15
			Total :-	26.800	31	115
			G. Total :	112.746	116.000	848.000
4	2028-29	Balapur	74	5.835	3	55
			61	9.690	7	89
			54	13.700	10	127
			Total :-	29.225	20	271
		Sindewahi	139	2.500	6	19
			170	3.600	6	30
			Total :-	6.100	12	49
		Pathari	162	2.640	1	25
			161	12.681	10	127
			131	2.600	4	22
			146	1.600	0	16
			Total :-	19.521	15.000	190.000
		Wadsa	81	7.650	14	70
			86	4.800	8	32
			Total :-	12.450	22	102
		Porla	160	7.400	5	10
			153	7.380	7	15
			39	8.610	9	18
			Total :-	23.390	21	43
			G. Total :	90.686	90.000	655.000

Sr. No.	Year	Range	Comptt. No.	Length of external boundry required maintain in Km.	No. of Pillars for maintenance	
					A-Class	B-Class
1	2	3	4	5	6	7
5	2029-30	Balapur	73	4.125	4	37
			62	9.300	6	87
			58	7.500	8	67
			Total :-	20.925	18.000	191.000
		Sindewahi	171	4.150	13	28
			134	3.000	9	21
			Total :-	7.150	22	49
		Pathari	166	7.966	5	75
			147	0.400	1	3
			Total :-	8.366	6	78
		Wadsa	87	4.850	12	69
			88	4.500	10	55
			Total :-	9.350	22	124
		Porla	1	7.400	7	15
			9	9.850	6	12
			164	6.150	5	10
			Total :-	23.400	18	37
			G. Total :	69.191	86.000	479.000
6	2030-31	Balapur	72	7.040	12	58
			57	12.500	14	111
			Total :-	19.540	26.000	169.000
		Sindewahi	172	3.600	9	27
			136	2.250	5	17
			Total :-	5.850	14	44
		Pathari	167	11.831	6	112
			Total :-	11.831	6	112
		Wadsa	83A	14.500	22	115
			32	9.840	9	18
			79	12.300	19	109
			34	11.475	23	110
			Total :-	48.115	73	352
		Porla	37	12.300	11	22
			Total :-	12.300	11	22
			G. Total :	97.636	130.000	699.000

Sr. No.	Year	Range	Comptt. No.	Length of external boundry required maintain in Km.	No. of Pillars for maintenance	
					A-Class	B-Class
1	2	3	4	5	6	7
7	2031-32	Balapur	70	7.750	10	67
			71	3.630	10	26
			76	10.400	11	93
			52	12.100	10	111
			53	3.500	8	27
			Total :-	37.380	49.000	324.000
		Sindewahi	169	2.350	4	19
			137	2.250	4	18
			Total :-	4.600	8	37
		Pathari	163	6.800	14	54
			160	4.940	5	44
			129	1.600	3	13
			141	2.800	4	24
			Total :-	16.140	26.000	135.000
		Wadsa	83B	15.750	24	127
			80	8.850	8	37
			Total :-	24.600	32	164
		Porla	8	11.070	11	22
			151	9.250	10	20
			Total :-	20.320	21	42
			G. Total :	103.040	136.000	702.000
8	2032-33	Balapur	69	14.760	11	137
			77	12.800	7	121
			60	11.520	13	102
			Total :-	39.080	31.000	360.000
		Sindewahi	168	9.200	15	77
			115	2.500	3	22
			Total :-	11.700	18	99
		Pathari	164	6.287	8	55
			165	8.599	3	83
			130	4.000	0	40
			140	2.000	6	14
			Total :-	20.886	17	192
		Wadsa	123	6.900	12	67
			30	7.380	7	15
			Total :-	14.280	19	82
		Porla	143	7.400	9	18
			36	10.800	17	82
			2	8.600	5	15
			Total :-	26.800	31	115
			G. Total :	112.746	116.000	848.000

Sr. No.	Year	Range	Comptt. No.	Length of external boundry required maintain in Km.	No. of Pillars for maintenance	
					A-Class	B-Class
1	2	3	4	5	6	7
9	2033-34	Balapur	74	5.835	3	55
			61	9.690	7	89
			54	13.700	10	127
			Total :-	29.225	20	271
		Sindewahi	139	2.500	6	19
			170	3.600	6	30
			Total :-	6.100	12	49
		Pathari	162	2.640	1	25
			161	12.681	10	127
			131	2.600	4	22
			146	1.600	0	16
			Total :-	19.521	15.000	190.000
		Wadsa	81	7.650	14	70
			86	4.800	8	32
			Total :-	12.450	22	102
		Porla	160	7.400	5	10
			153	7.380	7	15
			39	8.610	9	18
			Total :-	23.390	21	43
			G. Total :	90.686	90.000	655.000
10	2034-35	Balapur	73	4.125	4	37
			62	9.300	6	87
			58	7.500	8	67
			Total :-	20.925	18.000	191.000
		Sindewahi	171	4.150	13	28
			134	3.000	9	21
			Total :-	7.150	22	49
		Pathari	166	7.966	5	75
			147	0.400	1	3
			Total :-	8.366	6	78
		Wadsa	87	4.850	12	69
			88	4.500	10	55
			Total :-	9.350	22	124
		Porla	1	7.400	7	15
			9	9.850	6	12
			164	6.150	5	10
			Total :-	23.400	18	37
			G. Total :	69.191	86.000	479.000

Appendix No. XXI

Area allotted various Working Circle of Current Management Plan

Abstract

Sr. No.	Range.	No. of Comptt.	Total area (Ha.)	Distribution of area to various working circles			Total Area Assign to W.C. (Ha.)
				Teak Plantation Management. W.C. (Ha.)	Conversion W.C. (Ha.)	Protection W.C. (Ha.)	
1	2	3	4	5	6	7	8
1	Balapur	16	7757.208	1291.932	4709.193	1756.083	7757.208
2	Sindewahi	12	5310.567	1782.390	2946.077	582.100	5310.567
3	Pathari	16	6187.716	798.666	79.710	5309.340	6187.716
4	Wadsa	12	4912.020	1623.600	2979.540	308.880	4912.020
5	Porla	12	4968.710	1065.120	1708.140	2195.450	4968.710
GRAND TOTAL		68	29136.221	6561.708	12422.660	10151.853	29136.221

Sr. No.	Name of Range	Comptt. No.	Area (in ha.)	Teak Planation Management W.C.	Conversion Working Circle	Protection Working Circle	Total of All Working Circle
1	2	3	4	5	6	7	8
1	Balapur	76	503.510	48.000	262.630	192.880	503.510
		77	665.650	78.000	574.990	12.660	665.650
		60	623.210	117.600	489.710	15.900	623.210
		61	616.730	0.000	230.640	386.090	616.730
		62	521.650	236.568	189.282	95.800	521.650
		54	433.420	16.800	407.550	9.070	433.420
		57	553.198	12.175	0.000	541.023	553.198
		58	326.990	0.000	162.350	164.640	326.990
		52	530.550	103.796	360.984	65.770	530.550
		53	59.240	24.000	0.000	35.240	59.240
		69	863.210	18.810	754.160	90.240	863.210
		70	628.870	107.310	436.060	85.500	628.870
		71	432.210	129.582	281.718	20.910	432.210
		72	354.100	183.000	149.330	21.770	354.100
		73	367.460	71.581	295.519	0.360	367.460
		74	277.210	144.710	114.270	18.230	277.210
TOTAL			7757.208	1291.932	4709.193	1756.083	7757.208
2	Sindewahi	170	479.960	24.000	404.090	51.870	479.960
		171	248.890	0.000	232.100	16.790	248.890
		172	531.911	93.990	349.841	88.080	531.911
		173	343.412	94.800	248.612	0.000	343.412
		168	431.644	169.680	261.964	0.000	431.644
		169	481.610	439.800	0.000	41.810	481.610
		139	718.720	285.120	403.330	30.270	718.720
		134	900.830	232.800	391.670	276.360	900.830
		115	278.020	138.000	140.020	0.000	278.020
		135	254.550	60.000	148.620	45.930	254.550
		136	380.400	132.600	247.800	0.000	380.400
		137	260.620	111.600	118.030	30.990	260.620
	TOTAL		5310.567	1782.390	2946.077	582.100	5310.567

Sr. No.	Name of Range	Comptt. No.	Area (in ha.)	Teak Planation Management W.C.	Conversion Working Circle	Protection Working Circle	Total of All Workign Circle
1	2	3	4	5	6	7	8
3	Pathari	162	451.220	55.200	0.000	396.020	451.220
		163	463.760	0.000	0.000	463.760	463.760
		164	542.610	0.000	0.000	542.610	542.610
		165	381.420	0.000	0.000	381.420	381.420
		166	486.440	0.000	0.000	486.440	486.440
		167	484.810	0.000	0.000	484.810	484.810
		160	595.110	0.000	6.670	588.440	595.110
		161	566.730	0.000	0.000	566.730	566.730
		128	232.290	0.000	60.080	172.210	232.290
		129	371.090	230.754	0.000	140.336	371.090
		130	239.160	50.160	0.000	189.000	239.160
		131	168.340	93.000	0.000	75.340	168.340
		140	528.120	188.352	3.460	336.308	528.120
		141	162.680	30.000	9.500	123.180	162.680
		146	186.560	86.400	0.000	100.160	186.560
		147	327.376	64.800	0.000	262.576	327.376
	TOTAL		6187.716	798.666	79.710	5309.340	6187.716
4	Porla	143	405.090	48.900	356.190	0.000	405.090
		151	497.770	184.320	0.000	313.450	497.770
		164	181.700	0.000	0.000	181.700	181.700
		160	516.380	137.400	220.890	158.090	516.380
		153	197.080	45.600	0.000	151.480	197.080
		8	528.910	12.000	113.510	403.400	528.910
		9	427.350	124.800	173.670	128.880	427.350
		1	407.110	0.000	0.000	407.110	407.110
		2	412.780	0.000	0.000	412.780	412.780
		37	644.670	200.400	444.270	0.000	644.670
		39	388.110	175.200	212.910	0.000	388.110
		36	361.760	136.500	186.700	38.560	361.760
	TOTAL		4968.710	1065.120	1708.140	2195.450	4968.710

Sr. No.	Name of Range	Comptt No.	Area (in ha.)	Teak Planation Managem ent W.C.	Conversion Working Circle	Protection Working Circle	Total of All Working Circle
1	2	3	4	5	6	7	8
5	Wadsa	123	183.270	108.240	75.030	0.000	183.270
		81	241.190	97.320	143.870	0.000	241.190
		80	453.250	321.240	132.010	0.000	453.250
		79	344.390	81.600	229.530	33.260	344.390
		83B	1025.000	342.000	676.780	6.220	1025.000
		83A	1152.600	339.600	813.000	0.000	1152.600
		86	76.070	0.000	76.070	0.000	76.070
		87	79.720	0.000	73.570	6.150	79.720
		88	98.340	0.000	79.330	19.010	98.340
		30	406.300	54.000	252.880	99.420	406.300
		32	548.750	114.000	377.060	57.690	548.750
		34	303.140	165.600	50.410	87.130	303.140
	Total		4912.020	1623.600	2979.540	308.880	4912.020
	Grand Total		29136.221	6561.708	12422.660	10151.853	29136.221

Appendix No. XXII

Statement showing the Employment generation to past plan

Sr. No.	Financial Year	Total Man-days	Expenditure
1	2015-16	113514	88953223
2	2016-17	169560	169668636
3	2017-18	167622	107571680
4	2018-19	165773	24782279
5	2019-20	135280	37471022
6	2020-21	150143	54931046
7	2021-22	141633	61897429
8	2022-23	131870	53534371
9	2023-24	158055	74408258
GRAND TOTAL: -		1333450	673217944

Appendix No. XXIII

Statement showing the Financial Outlays Year 2024-25 to 2034-35 (in lakhs)

Code	Particulars	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Total
		2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Income for the Forestry Operation											
1.01	Thinning	257.82	357.71	316.43	253.46	297.06	463.90	475.91	543.65	518.73	311.91	3796.58
1.02	OWR	9404.93	9229.86	9334.58	9113.95	9422.41	9671.75	9850.74	10166.92	10431.49	10383.71	97010.34
2.00	Income from other source											
2.03	Other Misc. Receipt	15.00	16.00	17.00	18.00	18.00	19.00	19.00	20.00	20.00	21.00	183.00
	Total Sources:-	9677.75	9603.57	9668.01	9385.41	9737.47	10154.65	10345.65	10730.57	10970.22	10716.62	100989.92
3.00	REVENUE											
	EXPENDITURE											
3.01	Thinning Activity Expenses											
3.01.01	Wages	107.03	158.19	140.47	101.14	132.52	179.83	163.21	202.25	191.03	117.69	1493.36
3.01.02	Salary & Allowances	84.00	93.00	103.00	114.00	127.00	141.00	157.00	174.00	193.00	214.00	1400.00
3.01.03	Material & Other	3.23	4.78	4.24	3.05	4.00	5.43	4.32	6.11	5.73	3.23	44.12
3.02	Overwood Removal											
	Activity Expenses											
3.02.01	Wages	2002.52	1927.80	1949.68	1867.34	1893.76	1906.85	1905.15	1928.85	1941.35	1895.64	19218.94
3.02.02	Salary & Allowances	401.00	408.00	416.00	424.00	433.00	443.00	454.00	467.00	481.00	497.00	4424.00
3.02.03	Material & Other	42.12	40.55	41.01	39.28	39.84	40.11	40.07	40.57	40.83	39.87	404.25
3.03	Harvesting Activity Expenses											
3.08	Salary of Office Staff (Common)	133.00	148.00	164.00	182.00	202.00	224.00	249.00	276.00	306.00	340.00	2224.00
3.13	Travelling Expenses	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	122.50
3.14	Rent	4.50	4.50	4.50	4.50	4.50	5.00	5.00	5.00	5.00	5.00	47.50
3.15	Rates & Taxes	0.50	0.50	0.50	0.50	0.50	0.80	0.80	0.80	0.80	0.80	6.50
3.16	Advertisement	0.50	0.50	0.50	0.50	0.50	0.80	0.80	0.80	0.80	0.80	6.50
3.17	Books & Periodical	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	1.00

Code	Particulars	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Total
		2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	
1	2	3	4	5	6	7	8	9	10	11	12	13
3.18	Printing & Stationery	5.00	5.00	5.00	5.00	5.00	6.00	6.00	6.00	6.00	6.00	55.00
3.19	Postage & Telegram	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	20.00
3.20	Office Expenses	7.00	7.00	7.00	7.00	7.00	8.00	8.00	8.00	8.00	8.00	75.00
3.21	Training Expenses	2.00	2.00	3.00	3.00	4.00	4.00	4.50	4.50	5.00	5.00	37.00
3.22	Uniform Expenses	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	30.00
3.23	Insurance of Assets	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	30.00
3.24	Repairs & Maintenance of Building	20.00	20.00	20.00	20.00	20.00	22.00	22.00	22.00	22.00	22.00	210.00
3.25	Repairs & Maintenance of Vehicle	20.00	21.00	22.00	23.00	24.00	25.00	26.00	27.00	28.00	29.00	245.00
3.31	Legal Expenses	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	10.00
3.32	Board Meeting Expenses											
3.33	Celebration Days	0.25	0.25	0.25	0.25	0.25	0.50	0.50	0.50	0.50	0.50	3.75
3.37	Compensation for Wildlife Attack	80.00	82.00	84.00	85.00	86.00	88.00	90.00	92.00	95.00	94.00	876.00
3.38	Workman Compensation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	10.00
iii	Wildlife Protection	2.00	2.00	2.00	2.00	2.00	5.00	5.00	5.00	5.00	5.00	35.00
	Total Revenue Expenditure	2938.05	2948.97	2991.55	2906.46	3011.27	3131.22	3167.75	3293.28	3372.44	3326.43	31087.42
8.00	CAPITAL EXPENDITURE											
8.03	Capital Outlay under Management Plan (Mandatory) Plantations Programme											
8.03.01	Wages	459.69	1661.11	2177.84	2527.83	2628.35	2799.79	2848.92	2915.70	2989.18	3440.13	24448.54
8.03.02	Salary & Allowances	78.00	87.00	97.00	108.00	120.00	133.00	148.00	164.00	182.00	202.00	1319.00
8.03.03	Material & Other	23.84	86.14	112.94	131.08	136.30	145.19	147.74	151.20	155.01	178.39	1267.83

Code	Particulars	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Total
		2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35		
1	2	3	4	5	6	7	8	9	10	11	12	13	
8.06	<u>Purchases of Fixed Asset</u>												
8.06.02	Furniture & Fittings	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	62.50	
8.06.03	Office Equipment	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	52.50	
8.06.04	Computers/Laptop												
	Software development etc.	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	47.50	
8.07	<u>Buildings/Land and Other related items (including Special Repairs etc.)</u>												
8.07.02	Non Residential	10.00	10.00	10.00	10.00	10.00	15.00	15.00	15.00	15.00	15.00	125.00	
8.11	TPWC 4th & 7th Year Cleaning	29.81	28.94	29.97	28.31	116.20	114.40	117.70	204.20	205.33	211.26	1086.12	
8.13	Boundary Demarcation	5.00	5.50	6.00	6.50	7.00	6.25	6.88	7.50	8.13	8.75	67.51	
8.14	<u>Fire Protection Measures</u>												
8.14.01	Wages	40.67	42.71	44.85	47.09	49.44	51.91	54.51	57.23	60.10	63.10	511.61	
8.14.02	Material & Other	3.00	3.15	3.31	3.47	3.65	3.83	4.02	4.22	4.43	4.65	37.73	
	Total Capital Expenditure	659.51	1935.55	2494.41	2876.28	3086.44	3286.37	3361.27	3539.05	3640.68	4146.28	29025.84	
	Total Expenditure (Revenue+ Capital)	3597.56	4884.52	5485.96	5782.74	6097.71	6417.59	6529.02	6832.33	7013.12	7472.71	60113.26	
9	Surplus For Financial Year	6080.19	4719.05	4182.05	3602.67	3639.76	3737.06	3816.63	3898.24	3957.10	3243.91	40876.66	
	TOTAL OUTLAYS	9677.75	9603.57	9668.01	9385.41	9737.47	10154.65	10345.65	10730.57	10970.22	10716.62	100989.92	

Appendix No. XXIV

Instructions of Thinning

PROCEDURE FOR CARRYING OUT THINNING IN TEAK PLANTATIONS

(Excerpt from the MD Letter No. PLN/05/F-III/2874 Dated 02.09.1999)

1. Demarcation of the area

Before commencing the works related to thinning, boundary of the plantation shall be verified. If the area of the plantation is large, the same should be divided into sections having area not exceeding 5 ha. To have effective control over the operations to be carried out there in future including regulation of growing stock and yield. Repairs of existing demarcation stones / marks shall be carried out, and if required, new boundary marks would be fixed as per standard practice.

2. Cleanings

Cleaning is an operation made in a young crop in order to remove any growth interfering with the proper development of the principal species. In pure crops, therefore, cleanings, the aim of which is generally to improve the composition of a young crop, will not often be required. But even in forests composed almost entirely of one single species there will often be found during the early youth of the crop a certain admixture of hardy fast-growing species, which have established themselves at the time of the regeneration. Such species or the coppice shoots of the earlier crop may be useful in completing the consistence of an otherwise too open crop, or their presence may be desirable in order to preserve a useful mixture of trees in the crop, but if they are not required for any such reasons, a cleaning should be made, and they should be removed.

As a result of long neglect in carrying out cleaning operations properly and timely in the past, it is noticed that many of 20-30 years old plantations are also infested with profuse growth of undesirable tolerant species both of seed and coppice origin. It is essential to remove this undergrowth for better aeration and also to

facilitate the deposition of all accruable annual increment only on the potential individuals, preferably selected from the planted crop. Therefore, cleaning to the extent necessary as may be determined by the Divisional Manager shall precede all thinning.

Following rules must be followed in cleanings. –

- i. Tolerant species, like garadi, capable of capturing the site, shall be felled wherever found. Other inferior species including bamboo, interfering or likely to interfere with the proper growth of teak shall be felled.
- ii. Damaged or badly shaped trees of coppice origin shall be cut back.

3. Climber-Cutting

- i. Climber cutting shall be done prior to every thinning. Small climbers should, if possible, be pulled up by the roots, and large ones should be cut at two places, one near the ground, and again at a height equal to breast height. Large creepers that trail along the ground, and have thrown out roots, must be cut above and below each point at which such roots exist. Also, cut ends of large climbers should not be left lying in contact with the ground, as they are very liable then to throw out roots from the cut surface and so to continue growing.
- ii. All subordinates should take every opportunity to cut climbers when met with. If the Divisional Manager observes climbers uncut, he will have reasons to consider that there is serious slackness in the Range.

4. Stock Mapping and Demarcation of Site Quality-wise Area on the Ground

- i. For species like teak, in which there is substantial difference between the rate of growth in different site qualities, it is useful to make a stock map by site qualities so that different treatment is given to the plantations in different site qualities in order to get the best rate of growth in each quality class. For this purpose, the area shall be traversed by the Marking Of Officer in parallel lines 20 meters apart and at every 20 meters distance along the line, height of dominant trees shall be estimated or calculated with the help of FDCM Site Quality Meter (Teak) or any other instrument and recorded on the map in 4 inch

= mile scale (1:15840 scale) of the plantation (sketch of which on butter paper shall be with the officer in the field). The age of the plantation being known, site qualities shall be determined with the help of the Table showing "top height by site quality and age" for each square and entered. The quality class boundaries shall then be drawn on the map, and demarcated on the ground accordingly by putting a coal tar band on breast height. While moving in parallel lines, features like natural blanks, and presence of natural or planted bamboo should also be noted down and shown in the map. Details of signs and colours to be used for showing above mentioned features are given in para 2.1 of Appendix 4 of this Book.

- ii. This exercise shall be done only once and shall remain valid throughout the life of the stand. All prescription related to future thinning shall be based upon these stock maps only.

5. Selection and Demarcation of Sample Plots

Sample plots as per following rules shall be laid in each site quality area, and at least one sample plot shall be laid in every section of the plantation. It is hardly necessary to say that the sample plots should be as nearly as practicable a true representative of the crop. Hence, before selecting it, the officer should go over the whole crop, so that its average character may become clearly impressed upon his mind.

- i. No sample plot shall be selected on the edge of the crop.
- ii. On slopes presenting a wide range of elevation, or in crops, offering a variety of aspects and soils, several sample plots, judiciously distributed should be selected.
- iii. The shape of the sample plot should be a long rectangle.
- iv. The boundary of the sample plot should be clearly marked by blazing the trees immediately outside, or by splashing them with white wash.

- v. The aggregate area of the sample plot should be from 3 to 5% at least of the total area of the crop in that site quality class.
- vi. As crops are young and more or less uniform having large number of stems per hectare, a sample plot having an area of around 0.20 ha. may suffice. However, in old or mature crops, no sample plot should be less than 0.4 ha. in extent, which as a general rule should be 1 to 1.5 ha.
- vii. In the crops of large areas, several plots of 0.2 to 0.4 ha. each are preferable to a single large plot.

6. Enumeration Survey of the Crop in the Sample Plots

- i. The enumeration survey should be carried out over successive narrow strips, each strip being gone over once and in direction opposite to that in which the immediately preceding strip has been surveyed. On steep slopes it is convenient to run the strips horizontally and to begin at the bottom of the slope. The Measurer equipped with tailor's tape shall call out the figures of over bark girth read, which would at once be noted in the field book by the Recorder.
- ii. As the survey progresses, the trees measured are immediately marked with a clearly visible blaze, which should not, however, be deep enough to expose the wood. In order to make blaze, each measurer should be provided with a light short-handled axe. The blaze should be made on the side opposite the area still remaining to be surveyed, so that when the next strip is being surveyed the men can at once recognize up to what point the strip just completed extends.
- iii. Trees should be given serial number on the blaze by pencil in the order in which the measurement are recorded. It must be borne in mind that enumeration in the sample plot has to be done for the entire growing stock which also includes dead trees, all trees of coppice origin and fruit trees etc. left unfelled at the time of clear-felling or which have come up subsequently. In short, no tree of the height above breast height should be left out or ignored in the enumeration.
- iv. By the method or point sampling, the existing average basal area per hectare in each sample plot shall also be measured by using a wedge prism of suitable

Basal Area Factor (BAF). For our purpose, where we aim at reasonable accuracy, and also taking in to account the convenience in the field, a wedge prism of BAF-1 whose least count is 0.5 sq.mt./ha. should be used. After recording basal area per hectare at suitable number of points, average for the sample plot should be computed and recorded. For this purpose, the Field Book in the following format may be used-

Sr. No.	Species	Girth at Breast Height (over bark)

- v. After recording the over bark girth measurements as above, sample plot wise abstract shall be prepared in Form 3 given at the end of this Appendix.
- vi. It should be noted that the abstract of enumeration in all the thinning areas shall be prepared in the girth classes starting from 0/10 cms., 10/15 cms., 15/25 cms., 25/35 cms., 35/45 cms., and thereafter at an interval of 15 cms. i.e. 45/60 cm., 60/75 cm., 75/90 cm., 90/105 cms., and so on till the girth of largest tree measured is taken care of. Classification in these girth classes must be strictly adhered to as the Stand Tables have been casted according to these girth classes only.

7. Computation of Actual Growing Stock and Application of Yield and Stand Tables

- i. As for day-to-day works, Quarter-girth Volume is used, the actual volume of the Growing Stock per hectare based on Quarter Girth formula shall now be computed with the help of the per hectare enumeration figures obtained from the measurements taken in the sample plots and the Local Volume Table (Quarter Girth) given in the Working Plan of the concerned Territorial Division. If Round Volume is given in the Working Plan, it should be ensured that the same is converted into Quarter Girth Volume before use. However, in the absence of any reliable Local volume Table, following Table showing quarter girth volume may be used. The volume indicated is the volume of stem timber (under bark) and that of small wood (over bark) measurement recorded inclusive of bark.

TABLE

Girth Classes Over Bark (in cms)	Volume in Cubic Meter for Teak Site Quality			
	I and I/II	II and II/III	III	III/V & IV
00-10	0	0	0	0
11-15	0	0	0	0
16-25	0.010	0.008	0.006	0.003
26-35	0.040	0.040	0.035	0.033
36-45	0.075	0.070	0.065	0.060
46-60	0.155	0.155	0.150	0.140
61-75	0.260	0.250	0.240	0.230
76-90	0.380	0.370	0.365	0.355
91-105	0.580	0.570	0.565	0.555
106-120	0.840	0.835	0.830	0.820
121-135	1.100	1.060	1.050	1.030
136-150	1.410	1.350	1.300	1.260
151-165	1.770	1.650	1.550	1.460
166-180	2.150	2.020	1.850	1.640
181-195	2.650	2.480		
196-210	3.220	3.000		
211-225	3.800	3.500		
226-240	4.500	0		
241-255	5.300	0		
256-270	6.200	0		

- ii. Average basal area per hectare as computed in col. 7 of item (8) of the Form 3 shall be compared with the figures contained in the Yield Table in respect of that site quality and age. If the actual basal area measured exceeds, then it would indicate need for thinning in the crop necessitating the removal of basal area to the extent the actual basal area exceeds the basal area given in the Yield Table. If it equals or falls short, then it would indicate that no thinning is needed in the crop.

- iii. After applying the test as mentioned in sub-para (b) above, if the crop needs thinning, then the thinning shall be carried out keeping in view the distribution of stems per hectare in various girth classes as contained in the Stand Table (Main Crop) for that particular site quality and age.
- iv. For this, the figures from the Yield Table and from the Stand Table in respect of relevant site quality and age shall be reproduced as provided in item (9) of the Form 3, and girth class wise comparison of number of stems actually present with that required as per Stand Table shall be done. Following principle should be followed for taking decision as to how many stems in different girth classes would be retained after thinning in the crop.
 - a) When in any girth class, actual population of stems is found to be equal or less than that given in Stand Table, no removal in that girth class shall be effected and all existing trees shall be retained irrespective of the fact whether they are of coppice origin or of inferior miscellaneous species. However, dead and top broken trees shall be removed for they have special reasons.
 - b) If actual population of stems in a girth class is found to be more than that given in the Stand Table, the excess number of stems in that girth class are liable to be removed keeping the number of stems to be retained in that girth class equal to the population given in the Stand Table. However, if shortage of stems in next higher girth classes were found and as a result, lesser number of stems are being retained in those girth classes, the number of stems to be retained in this girth class shall be increased by the number it is falling short in the higher girth class. Thus, in short, total number of stems per hectare to be retained shall be equal to that given in the Stand Table, (of course, provided that the actual total population per hectare is more than that given in the Stand Table), but the shortage in higher girth classes shall be compensated by increasing equal number of stems in the lower girth classes where excess population was found.
 - c) There may be instances where although actual total population per hectare is more than that desired, shortage of stems is occurring in lower girth classes as

well. In that case, the shortage of lower girth classes shall be compensated by increasing the number in the next higher girth classes to that extent.

d) After it is decided, as to how many trees per hectare are to be retained and those to be removed in different girth classes, the marking for removal in that girth class shall be effected in the following order—

(i) First, non-teak coppice shall be marked irrespective of species. till all are marked.

(ii) Then teak coppice shall be marked, till all are marked.

(iii) Thereafter, non-teak trees of seed origin shall be marked for felling. However, trees of Shisam, Bija, Semal (of seed origin) shall not be marked for felling besides fruit bearing trees like Amla, Mahua, and Charoli etc. for any reason whatsoever. They shall be retained in excess of the desired population of the growing stock.

(iv) Then teak trees of seed origin would be taken up for marking.

v. Sticking to the principles as prescribed above, detailed instructions as to how many trees of teak, non-teak including coppice, if any, and teak coppice shall be marked for felling and how many trees would constitute the residual crop after thinning shall be respectively recorded in items 10 and 11 of the Form 3, and should be communicated to the Marking Officer by the Divisional Manager in writing.

8. Inspection of marking

After the marking as prescribed above is over, the Inspecting Officer must measure the basal area per hectare (with the help of a wedge prism of BAF-1) of the crop by point sampling as if the trees marked are already felled. In other words, while measuring the basal area, the trees marked shall not be counted whether they fall in the category of "full tally" or "half tally" if the basal area so measured is within around +or 0.5 sq. mt. per ha. (i.e. equal to the least count of the wedge prism) of that given in the Yield Table for that particular site quality and age, then the marking done can be

approved. If the basal area so measured exceeds 0.5 Sq. mts. Per hectare, then some more marking of trees (to the extent basal area exceeds) will have to be done. If it falls short, then marking of trees (to the extent basal area falls short) will have to be cancelled. This will help in ensuring that the thinning are carried out as far as possible to the extent as provided in the Yield Table. Normally, if the marking is correctly done, the residual basal area per hectare will automatically tally. However, as a result of retention of equal number of stems in lower classes in lieu of shortage in higher classes, the residual volume after thinning is likely to be less than that given in the Yield Table. Accordingly in such cases, the basal area of the residual crop is also likely to be less than that given with Yield Table. This has to be a normal feature and should not form basis for reducing the number of stems already decided to be removed.

9. General

- i. The Marking Officer shall not be an officer, below the rank of the Range Forest Officer, and Inspecting Officer shall not be an officer below the rank of Assistant Manager.
- ii. While marking trees, a blaze shall be made just above the breast height marking hammer shall be stamped on the mark trees as may be directed by the Regional Managers. Thereafter, a geru band shall be given to the marked trees at breast height.
- iii. No material shall be moved from the stump site without affixing mark of felling hammer on the stump as well as the piece of timber on both cut ends.
- iv. Divisional Managers and Regional Managers shall inspect at least 20% and 5% of the marked area in the Division and the Region respectively before the execution of felling works.
- v. These instructions are not applicable to the Teak plantation raised without complete removal of over wood eg. Enrichment Plantation. WLDP Teak plantations over zone III area if under planted. FP-I model under Maharashtra

Forestry Project and old unattended Teak plantations raised by Forest Department.

10. Maintenance of records.

Maintenance of records is the most crucial part of Forest Management. It provides vital information to assess the impact of various treatments given to the crop in the past, which in turn helps in decision-making process for its future management. In this regard following instructions should be followed.

- (a) Separate records shall be maintained for each year of plantation in a Division.
- (b) The records shall inter-alia consist of the following—
 - (i) Index Map showing location and extent of the plantation preferably in the scale of 50000
 - (ii) Stock map by Site Quality as prescribed in para 2.1 OF Appendix 4. Compartment and section boundaries shall be distinctly shown in the map.
 - (iii) Statement in Form 1 appended to this Appendix, showing section wise distribution of the plantation area into various site quality classes.
 - (iv) Information in respect of all cleanings shall be maintained in Form 2 appended to this Appendix.
 - (v) Section-wise following information shall be maintained in the Form 3, which shall be for each of the site qualities existing in the section.
 - (1) Plot-wise abstract of enumeration figures, quarter girth volume of the growing stock in the plot, and average of the basal area measured in the plot (item 7)
 - (2) Abstract showing per hectare average of the enumeration figures (based on all the plots), volume of growing stock and basal area. (item 8)
 - (3) Per hectare Stand Table figures (item 9)
 - (4) Girth class wise number of stems per hectare proposed to be felled together with volume (item 10)
 - (5) Girth class wise number of stems per ha proposed to be retained together with volume (item 11)

- (6) Girth class wise number of stems proposed to be retained in the entire plantation as residual crop together with volume. (item 13)
- (vi) Control Form shall be maintained in Form 4 appended to this Appendix.
- (vii) Statement of outturn shall be maintained in Form 5 appended to this Appendix.

Caution-

1. The aforesaid instructions are not applicable to the Teak plantations raised without complete removal of overwood e.g. Enrichment Plantations, WLDP Teak Plantations over zone III area if underplanted, FP I model under Maharashtra Forestry Project and old unattended teak plantations raised by Forest Department.
2. These instructions are also not to be applied in hacked teak plantations in Thane and Nashik regions. Guidelines have been issued by the Managing Director FDCM vide letter No. PLN/05/F-4/5388 Dated 02.02.2006, the extracts of which are reproduced in the Box below.

**PROCEDURE FOR CARRYING OUT THINNING IN HACKED TEAK
PLANTATIONS**

[Excerpt from the MD Letter No. PLN/05/F-4/5388 dated 02.02.2006]

Regional Managers, Thane and Nashik had pointed out problems in carrying out thinning operations as per existing guidelines due to the plantations being severally hacked. Further, it was under consideration of this office to issue guidelines and procedure for carrying out first thinning. The issues have been examined by the committee under the General Manager, F.D.C.M. Ltd. The subject has been discussed in the meetings with the Regional Managers also. After careful consideration of all the associated issues, following instruction are issued in respect of carrying out first and subsequent thinning in Nashik and Thane Regions.

Instruction for carrying out 1st thinning in Teak Plantations.

- i. The first thinning should be carried out in the 10 year only.
- ii. All stands should be thinned at 10 year irrespective of age as it was thinned for the first time taking in account procedure prescribed in Para 1 to 10 of this Appendix.
- iii. Whenever the plantations exhibit high degree of unevenness, the answer lies in segregating it into smaller grids. The degree of unevenness be recorded grid-wise since the record of the Plantations raised after overwood removal is maintained grid-wise. This would help in deciding the need of thinning in the subsequent thinning operations.
- iv. Every plantation site should be visited at the age of 5 year i.e. after completion of 5 growing season and again in the 7 year coinciding with the prescribed 2nd cleaning. The growth data must be recorded to ascertain if plantation is suitable for thinning or not. If the plantation area is found to be fit for thinning according to yield table for appropriate site quality, appropriate reduction in number of stems should be carried out. Such thinning, whenever necessitated silviculturally should be termed "Preliminary thinning's".
- v. Where the plantations are unfit for 1 thinning as per FDCM Ltd., yield table, then only silvicultural operations such as cleaning, singling, cut-back, removal of suppression, tending etc. should be carried out.

Instructions for 2nd and subsequent thinning.

Some confusions have aroused in the mind of field officers due to uneven growth resulting out of hacking, coppicing or undertaking cut back operations in the plantations in the past. These operations had obliterated the even aged and the high forest nature of the plantations. The yield tables are based on the growth data for the even aged crop of the seedling origin only and it is applicability to any other situation will be technically unsound. Therefore, applicability of the instructions contained in Para 1 to 10 of this Appendix to an uneven aged forest which is not of seedling origin

would not be technically sound. For such areas following instructions are to be followed.

- i. No scheme can be provided for thinning in uneven aged Teak plantations. Appropriate thinning can be decided by actually observing the conditions by the field staff only.
- ii. Wherever the plantation exhibits high degree of unevenness, the answer lies in segregating it into suitably chosen smaller grids. If some grids have even aged seedling origin plantation, then it can be thinned as per the directions contained in Para 1 to 10 of this Appendix.
- iii. Some of the hacked plantations have been converted into even aged plantations by undertaking cut back operations in the entire plantation. Such areas can no longer be associated with their initial year of plantation. The cut back operation may result in an even aged crop of coppice origin. There are no standard yield tables available for plantations raised out of coppice origin. Even though the yield table does not contain any information for plantations of coppice origin the Regional Managers can bank upon the yield tables to some extent by studying the growth parameters of the crop having coppice origin. Even aged plantations of coppice origin can be assigned at an appropriate notional age for the purpose of calculations. These instructions should be carefully understood with reference to field conditions in each case and need to be executed after careful analysis.
- iv. Several plantation sites in Thane and Nashik region exhibit severe hacking and consequent growth of multiple shoots from the stumps. Before undertaking any operation in such areas, it is imperative to take thorough review of the situation regarding protection which has led to this scenario.
- v. It should be the endeavour of the field officers to ensure that the areas are properly protected by seeking local peoples cooperation. It would be futile to undertake singling operations if the vigorous single shoot is not likely to survive and grow fully protected in future.

- vi. Where the plantations are unfit for a particular thinning as per FDCM Ltd. Yield table, then silvicultural operation such as cleaning, singling, cut back, removal of suppression, tending etc. should be carried out.

Form No. 1

[Vide Para no.]

Year of Plantation

Statement showing section wise distribution of the plantation on to various quality classes.

Sr. No.	Comptt. No.	Section No.	Area of the Section (in ha)	Area under teak site quality.							Occurrence of Bamboo		
				I ha	/II ha	II ha	II/III ha	II ha	III/IV ha	IV ha.	Natural ha	Planted ha	Absent ha

Note: While recoding area under bamboo in col. Nos. 12 & 13 mention about stocking of bamboo should also be made. That is to say whether it is fully stocked or under stocked.

FORM 2

(Vide Para)

Year of plantation

Thinning

Working year when due

Year of actual thinning

Statement showing details of cleaning operation

Sr. No.	Comptt. No.	Section No.	Area of the section (Ha.)	Area Cleaned (Ha.)	Period of Cleaning	Expdt. Incurred	Quantity of material obtained	Revenue received.
1	2	3	4	5	6	7	8	9

FORM 3

RESULT OF ENUMERATION SURVEY

Year of plantation & Age.....

Thinning.....

Working year when due

(1) Name of Range

(2) Year of actual thinning.....

(4) Compartment & section No.

(4) Area of section.....(4a) Teak site quality

(4b) Area of the section under this site quality class.....ha

(5) Date of enumeration.....

(6) Name & designation of the enumerator

(7) Sample plot wise abstract of trees in various girth classes.

Sample Plot No.	Shape & size of the plot	Area of the plot in ha	Species	Girth classes in cms number of trees								Total	Average basal area per ha in the plot in sq. mts.	Quarter Girth volume in the plot in the plot in cmt.
				0/10	10/15	15/25	25/35	35/45	45/60	60/75	75/90			
1	2	3	4	5a	5b	5c	5d	5e	5f	5g	5h	5i	6	7
Plot No.1			Teak Teak Coppies Non Teak Total											8
Plot No.2			Teak Teak Coppies Non Teak Total											
Total for All plots			Teak Teak Coppies Non Teak Total											
(8) Average for	1 ha		Teak Teak Coppies Non Teak Total											
(9) Distribution as per the stand table (to be written in red ink)	1 ha		Teak Teak Coppies Non Teak Total											

FORM 4
CONTROL FORM
Year of plantation.

Thinning **Working year when due** **Year of actual thinning**

Sr. No.	Comptl. No.	Section No.	Area of the section	No. of trees	Felling in the section of Form 3		Estimated quarter girth		No. of trees actually felled as per item (15) of Form 3				Obtained quarter girth	Comparison of				Comparison
					Non teak	Total	Vol in cmt	Teak	Teak coppice	Non teak	Total	Volume in cmt		Teak	Teak coppice	Non teak	Total	

FORM 5
STATEMENT OF OUT TURN
YEAR OF PLANTATION

Thinning				Working year when due				Year of actual thinning																		
Sr. No.	Comptt. No.	Section No.	Area of the section ha	Trees actual felled				Timber			Poles			Stacked volume wood								Grand Total				
				Teak coppice	Non Teak	Total	Teak	Non Teak	Total	Teak	Non Teak	Total	Teak	Non Teak	Total	Stacked volume (cmt)	Solid volume (cmt)	Stacked volume (cmt)	Solid volume (cmt)							
1	2	3	4	5a	5b	5c	5d	6a	6b	6c	6d	6e	6f	7a	7b	7c	7d	7e	7f	8a	8b	8c	8d	8e	8f	9

Appendix No. XXV
List of successful Plantation

Sr. No.	Range	Comptt. No.	Year of plantation	Scheme & Model	Successful area (ha.)	Allotted working circle
1	2	3	4	5	6	7
1	Balapur	54	1977	F.D. Plant.	14.000	T.P.M.W.C.
		53	1988	Bankable	20.000	T.P.M.W.C.
		57	1988	M.F.P.	8.000	T.P.M.W.C.
		76	1988	T.P.W.C.	40.000	T.P.M.W.C.
		73	2000	T.P.W.C.	23.536	T.P.M.W.C.
		52	2002	T.P.W.C.	35.680	T.P.M.W.C.
		71	2002	T.P.W.C.	21.985	T.P.M.W.C.
		71	2003	T.P.W.C.	7.000	T.P.M.W.C.
		52	2006	T.P.W.C.	19.517	T.P.M.W.C.
		62	2006	T.P.W.C.	18.655	T.P.M.W.C.
		69	2006	T.P.W.C.	15.675	T.P.M.W.C.
		74	2006	T.P.W.C.	25.000	T.P.M.W.C.
		52	2007	T.P.W.C.	20.800	T.P.M.W.C.
		62	2007	T.P.W.C.	22.435	T.P.M.W.C.
		73	2007	T.P.W.C.	18.115	T.P.M.W.C.
		74	2007	T.P.W.C.	26.412	T.P.M.W.C.
		52	2008	T.P.W.C.	10.500	T.P.M.W.C.
		62	2008	T.P.W.C.	15.250	T.P.M.W.C.
		70	2008	T.P.W.C.	22.725	T.P.M.W.C.
		74	2008	T.P.W.C.	26.600	T.P.M.W.C.
		62	2009	T.P.W.C.	18.000	T.P.M.W.C.
		70	2009	T.P.W.C.	26.200	T.P.M.W.C.
		74	2009	T.P.W.C.	25.405	T.P.M.W.C.
		62	2010	T.P.W.C.	21.800	T.P.M.W.C.
		70	2010	T.P.W.C.	22.500	T.P.M.W.C.
		74	2010	T.P.W.C.	17.175	T.P.M.W.C.
		60	2011	T.P.W.C.	25.000	T.P.M.W.C.
		62	2011	T.P.W.C.	20.000	T.P.M.W.C.
		70	2011	T.P.W.C.	18.000	T.P.M.W.C.
		74	2011	T.P.W.C.	40.000	T.P.M.W.C.
		60	2012	T.P.W.C.	25.000	T.P.M.W.C.
		62	2012	T.P.W.C.	20.000	T.P.M.W.C.
		72	2012	T.P.W.C.	44.000	T.P.M.W.C.
		60	2013	T.P.W.C.	20.000	T.P.M.W.C.
		62	2013	T.P.W.C.	25.000	T.P.M.W.C.
		72	2013	T.P.W.C.	33.500	T.P.M.W.C.
		71	2013	T.P.W.C.	30.000	T.P.M.W.C.
		77	2014	T.P.W.C.	25.000	T.P.M.W.C.
		72	2014	T.P.W.C.	35.000	T.P.M.W.C.
		77	2015	T.P.W.C.	25.000	T.P.M.W.C.
		71	2015	T.P.W.C.	30.000	T.P.M.W.C.
		60	2016	T.P.W.C.	14.000	T.P.M.W.C.
		62	2016	T.P.W.C.	19.000	T.P.M.W.C.
		71	2016	T.P.W.C.	19.000	T.P.M.W.C.
		60	2017	T.P.W.C.	14.000	T.P.M.W.C.
		62	2017	T.P.W.C.	17.000	T.P.M.W.C.
		73	2017	T.P.W.C.	18.000	T.P.M.W.C.
		77	2018	T.P.W.C.	15.000	T.P.M.W.C.
		57	2019	AWC (Clonal)	2.146	T.P.M.W.C.
				Total :	1076.611	

Sr. No.	Range	Comptt. No.	Year of plantation	Scheme & Model	Successful area (ha.)	Allotted working circle
1	2	3	4	5	6	7
2	Sindewahi	115	1959	F.D.Plant.	8.000	T.P.M.W.C.
		136	1961	F.D.Plant.	18.000	T.P.M.W.C.
		136	1963	F.D.Plant.	20.000	T.P.M.W.C.
		115	1965	F.D.Plant.	20.000	T.P.M.W.C.
		115	1970	F.D.Plant.	20.000	T.P.M.W.C.
		169	1980	F.D.Plant.	40.000	T.P.M.W.C.
		169	1986	F.D.Plant.	42.000	T.P.M.W.C.
		169	1987	F.D.Plant.	35.000	T.P.M.W.C.
		169	1988	F.D.Plant.	60.000	T.P.M.W.C.
		139	2004	T.P.W.C.	18.000	T.P.M.W.C.
		169	2005	T.P.W.C.	15.000	T.P.M.W.C.
		173	2005	T.P.W.C.	15.000	T.P.M.W.C.
		136	2006	T.P.W.C.	13.000	T.P.M.W.C.
		139	2006	T.P.W.C.	18.000	T.P.M.W.C.
		169	2006	T.P.W.C.	22.000	T.P.M.W.C.
		169	2006	T.P.W.C.	36.000	T.P.M.W.C.
		173	2006	T.P.W.C.	13.000	T.P.M.W.C.
		136	2007	T.P.W.C.	8.500	T.P.M.W.C.
		139	2007	T.P.W.C.	21.100	T.P.M.W.C.
		168	2007	T.P.W.C.	22.400	T.P.M.W.C.
		169	2007	T.P.W.C.	36.000	T.P.M.W.C.
		173	2007	T.P.W.C.	13.000	T.P.M.W.C.
		136	2008	T.P.W.C.	8.000	T.P.M.W.C.
		139	2008	T.P.W.C.	21.500	T.P.M.W.C.
		168	2008	T.P.W.C.	21.000	T.P.M.W.C.
		169	2008	T.P.W.C.	36.000	T.P.M.W.C.
		173	2008	T.P.W.C.	8.000	T.P.M.W.C.
		136	2009	T.P.W.C.	8.000	T.P.M.W.C.
		137	2009	T.P.W.C.	16.000	T.P.M.W.C.
		139	2009	T.P.W.C.	23.000	T.P.M.W.C.
		168	2009	T.P.W.C.	21.000	T.P.M.W.C.
		169	2009	T.P.W.C.	33.000	T.P.M.W.C.
		137	2010	T.P.W.C.	17.000	T.P.M.W.C.
		139	2010	T.P.W.C.	23.000	T.P.M.W.C.
		168	2010	T.P.W.C.	22.000	T.P.M.W.C.
		169	2010	T.P.W.C.	16.000	T.P.M.W.C.
		172	2010	T.P.W.C.	21.000	T.P.M.W.C.
		139	2011	T.P.W.C.	18.000	T.P.M.W.C.
		168	2011	T.P.W.C.	21.000	T.P.M.W.C.
		169	2011	T.P.W.C.	17.500	T.P.M.W.C.
		172	2011	T.P.W.C.	21.500	T.P.M.W.C.
		115	2011	T.P.W.C.	19.000	T.P.M.W.C.
		115	2012	T.P.W.C.	25.000	T.P.M.W.C.
		172	2012	T.P.W.C.	21.825	T.P.M.W.C.
		139	2012	T.P.W.C.	25.000	T.P.M.W.C.
		135	2012	T.P.W.C.	25.000	T.P.M.W.C.
		170	2012	T.P.W.C.	20.000	T.P.M.W.C.
		173	2013	T.P.W.C.	15.000	T.P.M.W.C.
		135	2013	T.P.W.C.	25.000	T.P.M.W.C.
		134	2013	T.P.W.C.	40.000	T.P.M.W.C.
		139	2013	T.P.W.C.	30.000	T.P.M.W.C.
		173	2014	T.P.W.C.	15.000	T.P.M.W.C.

Sr. No.	Range	Comptt. No.	Year of plantation	Scheme & Model	Successful area (ha.)	Alloted working circle
1	2	3	4	5	6	7
	Sindewahi	134	2014	T.P.W.C.	30.000	T.P.M.W.C.
		136	2014	T.P.W.C.	15.000	T.P.M.W.C.
		137	2014	T.P.W.C.	35.000	T.P.M.W.C.
		139	2014	T.P.W.C.	20.000	T.P.M.W.C.
		134	2015	T.P.W.C.	30.000	T.P.M.W.C.
		136	2015	T.P.W.C.	20.000	T.P.M.W.C.
		137	2015	T.P.W.C.	25.000	T.P.M.W.C.
		139	2015	T.P.W.C.	20.000	T.P.M.W.C.
		115	2016	T.P.W.C.	23.000	T.P.M.W.C.
		134	2016	T.P.W.C.	23.000	T.P.M.W.C.
		168	2016	T.P.W.C.	12.000	T.P.M.W.C.
		172	2016	T.P.W.C.	14.000	T.P.M.W.C.
		134	2017	T.P.W.C.	23.000	T.P.M.W.C.
		134	2018	T.P.W.C.	23.000	T.P.M.W.C.
		134	2019	T.P.W.C.	25.000	T.P.M.W.C.
				Total :	1485.325	
3	Pathari	129	2006	T.P.W.C.	20.900	T.P.M.W.C.
		130	2006	T.P.W.C.	19.950	T.P.M.W.C.
		140	2006	T.P.W.C.	19.805	T.P.M.W.C.
		129	2007	T.P.W.C.	22.270	T.P.M.W.C.
		130	2007	T.P.W.C.	21.850	T.P.M.W.C.
		140	2007	T.P.W.C.	20.600	T.P.M.W.C.
		129	2008	T.P.W.C.	17.325	T.P.M.W.C.
		131	2008	T.P.W.C.	18.600	T.P.M.W.C.
		140	2008	T.P.W.C.	14.000	T.P.M.W.C.
		129	2009	T.P.W.C.	15.475	T.P.M.W.C.
		170	2009	T.P.W.C.	20.600	T.P.M.W.C.
		140	2009	T.P.W.C.	19.380	T.P.M.W.C.
		129	2010	T.P.W.C.	21.325	T.P.M.W.C.
		131	2010	T.P.W.C.	18.300	T.P.M.W.C.
		140	2010	T.P.W.C.	20.175	T.P.M.W.C.
		129	2011	T.P.W.C.	20.000	T.P.M.W.C.
		131	2011	T.P.W.C.	20.000	T.P.M.W.C.
		140	2011	T.P.W.C.	15.000	T.P.M.W.C.
		129	2012	T.P.W.C.	25.000	T.P.M.W.C.
		141	2012	T.P.W.C.	25.000	T.P.M.W.C.
		129	2013	T.P.W.C.	25.000	T.P.M.W.C.
		129	2014	T.P.W.C.	25.000	T.P.M.W.C.
		147	2016	T.P.W.C.	24.000	T.P.M.W.C.
		140	2016	T.P.W.C.	23.000	T.P.M.W.C.
		146	2016	T.P.W.C.	24.000	T.P.M.W.C.
		162	2016	T.P.W.C.	23.000	T.P.M.W.C.
		147	2017	T.P.W.C.	10.000	T.P.M.W.C.
		140	2017	T.P.W.C.	25.000	T.P.M.W.C.
		146	2017	T.P.W.C.	25.000	T.P.M.W.C.
		162	2017	T.P.W.C.	23.000	T.P.M.W.C.
		147	2018	T.P.W.C.	20.000	T.P.M.W.C.
		146	2018	T.P.W.C.	23.000	T.P.M.W.C.
				Total :	665.555	

Sr. No.	Range	Comptt. No.	Year of plantation	Scheme & Model	Successful area (ha.)	Alloted working circle
1	2	3	4	5	6	7
4	Wadsa	83A	1992	T.P.W.C.	100.000	T.P.M.W.C.
		80	2016	T.P.W.C.	35.000	T.P.M.W.C.
		83 A	2016	T.P.W.C.	10.000	T.P.M.W.C.
		83 B	2016	T.P.W.C.	5.000	T.P.M.W.C.
		30	2016	T.P.W.C.	5.000	T.P.M.W.C.
		32	2016	T.P.W.C.	17.000	T.P.M.W.C.
		79	2016	T.P.W.C.	11.000	T.P.M.W.C.
		123	2016	T.P.W.C.	7.000	T.P.M.W.C.
		80	2017	T.P.W.C.	38.000	T.P.M.W.C.
		81	2017	T.P.W.C.	19.000	T.P.M.W.C.
		83A	2017	T.P.W.C.	19.000	T.P.M.W.C.
		83 B	2017	T.P.W.C.	27.000	T.P.M.W.C.
		32	2017	T.P.W.C.	19.000	T.P.M.W.C.
		79	2017	T.P.W.C.	19.000	T.P.M.W.C.
		123	2017	T.P.W.C.	28.000	T.P.M.W.C.
		80	2018	T.P.W.C.	19.000	T.P.M.W.C.
		83 A	2018	T.P.W.C.	30.000	T.P.M.W.C.
		83 B	2018	T.P.W.C.	17.000	T.P.M.W.C.
		32	2018	T.P.W.C.	9.000	T.P.M.W.C.
		79	2018	T.P.W.C.	10.000	T.P.M.W.C.
		81	2018	T.P.W.C.	27.000	T.P.M.W.C.
		123	2018	T.P.W.C.	16.000	T.P.M.W.C.
		80	2019	T.P.W.C.	39.000	T.P.M.W.C.
		83 A	2019	T.P.W.C.	20.000	T.P.M.W.C.
		83 B	2019	T.P.W.C.	59.000	T.P.M.W.C.
		32	2019	T.P.W.C.	10.000	T.P.M.W.C.
		34	2019	T.P.W.C.	40.000	T.P.M.W.C.
		81	2019	T.P.W.C.	23.000	T.P.M.W.C.
		123	2019	T.P.W.C.	10.000	T.P.M.W.C.
		80	2020	T.P.W.C.	33.000	T.P.M.W.C.
		80	2020	T.P.W.C. (Clonal)	4.000	T.P.M.W.C.
		83 A	2020	T.P.W.C.	10.000	T.P.M.W.C.
		83 B	2020	T.P.W.C.	20.000	T.P.M.W.C.
		32	2020	T.P.W.C.	10.000	T.P.M.W.C.
		34	2020	T.P.W.C.	10.000	T.P.M.W.C.
		123	2020	T.P.W.C.	10.000	T.P.M.W.C.
		80	2021	T.P.W.C.	26.900	T.P.M.W.C.
		83 B	2021	T.P.W.C.	25.200	T.P.M.W.C.
		30	2021	T.P.W.C.	10.000	T.P.M.W.C.
		32	2021	T.P.W.C.	11.000	T.P.M.W.C.
		34	2021	T.P.W.C.	10.000	T.P.M.W.C.
		81	2021	T.P.W.C.	1.000	T.P.M.W.C.
		80	2022	T.P.W.C.	16.000	T.P.M.W.C.
		83 A	2022	T.P.W.C.	39.000	T.P.M.W.C.
		83 B	2022	T.P.W.C.	20.000	T.P.M.W.C.
		32	2022	T.P.W.C.	19.000	T.P.M.W.C.
		34	2022	T.P.W.C.	8.000	T.P.M.W.C.
		79	2022	T.P.W.C.	28.000	T.P.M.W.C.
		81	2022	T.P.W.C.	11.100	T.P.M.W.C.
		80	2023	T.P.W.C.	20.000	T.P.M.W.C.
		83 A	2023	T.P.W.C.	31.000	T.P.M.W.C.
		83 B	2023	T.P.W.C.	59.000	T.P.M.W.C.

Sr. No.	Range	Comptt. No.	Year of plantation	Scheme & Model	Successful area (ha.)	Alloted working circle
1	2	3	4	5	6	7
	Wadsa	30	2023	T.P.W.C.	20.000	T.P.M.W.C.
		34	2023	T.P.W.C.	40.000	T.P.M.W.C.
		123	2023	T.P.W.C.	19.200	T.P.M.W.C.
		80	2024	T.P.W.C.	36.800	T.P.M.W.C.
		83 A	2024	T.P.W.C.	24.000	T.P.M.W.C.
		83 B	2024	T.P.W.C.	52.800	T.P.M.W.C.
		30	2024	T.P.W.C.	10.000	T.P.M.W.C.
		34	2024	T.P.W.C.	30.000	T.P.M.W.C.
				Total :	1353.000	
5	Porla	9	2016	T.P.W.C.	38.000	T.P.M.W.C.
		151	2016	T.P.W.C.	38.000	T.P.M.W.C.
		37	2016	T.P.W.C.	1.000	T.P.M.W.C.
		9	2017	T.P.W.C.	28.000	T.P.M.W.C.
		151	2017	T.P.W.C.	30.000	T.P.M.W.C.
		9	2018	T.P.W.C.	28.000	T.P.M.W.C.
		151	2018	T.P.W.C.	26.000	T.P.M.W.C.
		9	2019	T.P.W.C.	10.000	T.P.M.W.C.
		151	2019	T.P.W.C.	30.000	T.P.M.W.C.
		37	2019	T.P.W.C.	20.000	T.P.M.W.C.
		36	2019	T.P.W.C.	34.000	T.P.M.W.C.
		39	2019	T.P.W.C.	21.000	T.P.M.W.C.
		37	2020	T.P.W.C.	20.000	T.P.M.W.C.
		36	2020	T.P.W.C.	38.000	T.P.M.W.C.
		39	2020	T.P.W.C.	42.000	T.P.M.W.C.
		37	2021	T.P.W.C.	30.000	T.P.M.W.C.
		39	2021	T.P.W.C.	24.000	T.P.M.W.C.
		143	2021	T.P.W.C.	15.000	T.P.M.W.C.
		160	2021	T.P.W.C.	29.500	T.P.M.W.C.
		37	2022	T.P.W.C.	30.000	T.P.M.W.C.
		39	2022	T.P.W.C.	23.000	T.P.M.W.C.
		160	2022	T.P.W.C.	21.000	T.P.M.W.C.
		151	2023	T.P.W.C.	15.600	T.P.M.W.C.
		153	2023	T.P.W.C.	28.500	T.P.M.W.C.
		37	2023	T.P.W.C.	26.000	T.P.M.W.C.
		36	2023	T.P.W.C.	14.500	T.P.M.W.C.
		39	2023	T.P.W.C.	16.000	T.P.M.W.C.
		143	2023	T.P.W.C.	15.750	T.P.M.W.C.
		160	2023	T.P.W.C.	29.000	T.P.M.W.C.
		8	2023	T.P.W.C.	10.000	T.P.M.W.C.
		151	2024	T.P.W.C.	14.000	T.P.M.W.C.
		153	2024	T.P.W.C.	9.500	T.P.M.W.C.
		37	2024	T.P.W.C.	40.000	T.P.M.W.C.
		36	2024	T.P.W.C.	27.250	T.P.M.W.C.
		39	2024	T.P.W.C.	20.000	T.P.M.W.C.
		143	2024	T.P.W.C.	10.000	T.P.M.W.C.
		160	2024	T.P.W.C.	35.000	T.P.M.W.C.
				Total :	887.600	
				Grand Total :	5468.091	

Appendix No. XXVI

SCHEDULE OF THINNING IN TEAK PLANTATION MANAGEMENT WORKING CIRCLE TEAK PLANTATION RAISED BY F.D. & F.D.C.M. (1959 TO 1992)

Year of Plantation	Range	Comptt. No.	A TYPE Area in Ha.	B TYPE Area in Ha.	TOTAL Area in Ha.	2025-26		2026-27		2027-28		2028-29		2029-30		2030-31		2031-32		2032-33		2033-34		2034-35		Remarks
						A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
1959	Sindewahi	115	8,000	1,600	9,600							XIII	Y													F.D.
1961	Sindewahi	136	18,000	3,600	21,600	XII										XIII	Y									F.D.
1963	Sindewahi	136	20,000	4,000	24,000					XII										XIII	Y					F.D.
1965	Sindewahi	115	20,000	4,000	24,000									XII										XIII	Y	F.D.
1970	Sindewahi	115	20,000	4,000	24,000									XI										XII	Y	F.D.
1977	Bramhapuri	54	14,000	2,800	16,800			IX										X	Y							F.D.
1980	Sindewahi	169	40,000	8,000	48,000									IX										X	Y	F.D.
1986	Sindewahi	169	42,000	8,400	50,400	VII										VIII	Y									F.D.
1987	Sindewahi	169	35,000	7,000	42,000			VII										VIII	Y							F.D.
1988	Sindewahi	169	60,000	12,000	72,000					VII										VIII	Y					F.D.
1988	Bramhapuri	57	8,000	1,600	9,600					VII										VIII	Y					WL DP
1988	Bramhapuri	53	20,000	4,000	24,000					VII										VIII	Y					WL DP
1988	Bramhapuri	76	40,000	8,000	48,000					VII										VIII	Y					WL DP
1992	Wadsa	83A	100,000	20,000	120,000													VII	Y							F.D.
		G. T.	445,000	89,000	534,000																					

Note : Y = B - Type area

Appendix No. XXVII

Instructions for working in the Conversion Working Circle **in relation to complete removal of over wood.**

In supersession of the instruction issued vide this office letter no. PLN/26(2001-02) 4959 dated 21.1.2002, following instruction as approved by the Enforcing Committee in their meeting held in Nagpur on 31.01.2002 are being issued for regenerating the area with teak by removal of over wood.

1. Demarcation of Area:-

1.1 Demarcation of Coupe:- The area to be worked called "Coupe" shall be demarcated in advance of it's working. All along the periphery of the coupe to be worked, a strip of natural forest of 20 meters width called coupe line shall be demarcated by giving two coal tar bands and a red paint band in between on selected trees at suitable intervals. Before giving bands, the loose dead bark will be scraped. All trees so marked should be visible from one another.

1.2 Demarcation of Sections:-

a) Coupe due for working shall be divided into suitable sections. The average size of a section shall be about 15 hectares. No section should be of less than 10 hectares or more than 20 hectares. The sections so formed should be convenient from all aspects especially for transport. Full use of existing roads, Nala, cart tracts should be made use of as far as possible in forming sections.

➤ Constituted by the Managing Director, Forest Development Corporation of Maharashtra Limited Vide his letter No. PLN/NC/15 (2000-01)/4504 dated 27.12.2001 in pursuance of the Government of India letter dated 26.12.2001.

b) A strip of existing forest of minimum 5 meters width shall be demarcated giving one band with red paint at the breast height and a cross mark above it on selected trees at suitable intervals on both edges of the strip separating two sections called sections lines. All trees so marked should be visible from one another.





c) While laying and demarcating section lines, as per Para (b) above, wherever possible, groups of young pole crop of seed origin of teak, Semal, Khair, rose-wood and other superior miscellaneous species shall be included in the section lines to avoid its sacrifice while removing the over wood. If required, width of section lines may suitably be increased for the purpose.




2. Preparation of stock map and treatment map.

1.3 Preparation of stock map:- After demarcation the whole area of the coupe shall be thoroughly inspected by the Divisional Manager to ensure that the section lines have been properly laid and the width of coupe line and section line is as per prescriptions. Stock map for the entire coupe will be prepared in the 1:15000 scale (or in 1:25000 scale, wherever maps of this scale are available) using conventional signs and depicting the following information.

- (i) Crown density.
- (ii) Site quality.
- (iii) Preponderance of species.
- (iv) Existence or other wise of Bamboo.

Compartment and Section boundaries shall be distinctly shown in the Stock map. The signs and colors to be used for showing site quality and other features in the stock map is given below.

Sr. No.	Site quality	Sign	Description
1	2	3	4
1	I		Single vertical line.
2	I/II		Single vertical lines crossed by double small horizontal lines.
3	II		Double horizontal lines.
4	II/III		Double horizontal lines crossed by triple small vertical lines.

5	III		Triple diagonal lines running from south-west to north-east.
6	III/IV		Diagonals crossed hatched.
7	IV		Vertical crossed hatched.

Colours of the above lines shall be as follows:-

- (i) Moist / Dry deciduous Teak forests BLUE
- (ii) Moist / Dry deciduous Miscellaneous forests CARMINE

The areas with Bamboo shall be shown on the map; in the following manner:--

- (i) Bamboo (Fully stocked) Black diagonal continuous
Lines running from north- west to south-east.
- (ii) Bamboo (Under-stocked) Black diagonal dotted
Lines running from north- west to south-east.

2.2 Preparation of Treatment map :--

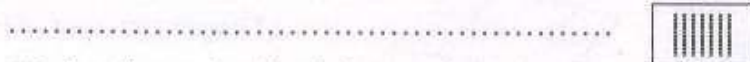
a) After the stock map has been prepared, section wise treatment map of the entire area will be prepared on graph paper in 1: 5000 scale. The entire area of the coupe shall be divided into grids of size not bigger than 100 x 100 m. (1 ha.) after taking base line that should, as far as possible, run through the center of the section. The grids so made shall be duly numbered and pegs shall be erected at the corners of the grid. The gridlines shall be shown on the map.

b) Thereafter, the following areas shall be shown on the map :-

- (i) All areas having more than 25 degree slope (47 %)
- (ii) 20 meters wide strip of forest along both sides of main water course and well defined nalas. (These may from coupe lines/section lines wherever possible).

c) The following area shall also be shown on the map if the extent of such area is 0.5 ha or more.

(i) Heavily eroded areas and areas having exposed rock



(To be shown by black dots and the heaviness of the erosion will be shown by concentration of dots)

(ii) Patches of poorly stocked forests because of edaphic factors (Lemon yellow wash)



(iii) Heavily water logged and blank areas unfit for teak plantations. (To be shown by black dashes)



(iv) Site Quality IV Areas.

No felling shall be carried out in the areas mentioned under (b) and (c) above. Such areas shall be demarcated on the ground as well.

d) All areas of coupe line and section lines containing existing forest will be shown on the map.

e) In the remaining area, the following information shall be recorded and maintained for each grid.

(i) Average height of dominant mature teak trees and, if teak is absent, then Bija, Haldu, Ain, Kalam, Semal, or Dhawda. (in case a tree of none of the above species is found in a quadrant, the quality class of the adjoining quadrant should be adopted.)

(ii) 100 % species wise enumeration of the growing stock in uniform girth classes of 15 cm starting from 15 cm.

(iii) Average basal areas per hectare.

(iv) Remarks about fitness of area for teak plantation (use symbol F, wherever the area is fit for teak plantation and symbol U, wherever the area is unfit for teak plantation).

3. **Determination of areas fit for removal of over wood.**

a) First, average crop girth (O.B.) of the forest in the remaining area is referred to in Para 2.2 (e) shall be determined for each grid separately according to the following formula.

$$\text{Crop girth} = 2 \times \text{square root of } (\pi \times B/N)$$

$$\text{Crop girth in cm} = 250 \times \text{square root of } (B/N)$$

Where "B" represents average basal area per ha and "N" represents average number of trees per ha in the crop excluding advance growth. The basal area may be measured with the help of Wedge Prism of suitable BAF (Basal Area Factor) or computed by summing up the cross sectional areas of the individual trees based on over bark girth measurements. Trees up to 30 cm, 45 cm, and 60 cm girth (O.B.) in the Teak site quality up to III, II/III & I, and I/II & I respectively shall be treated as advance growth for the purpose and would not be considered for determining either the value of "B" or "N".

b) The average Crop Girth so computed shall be compared with the Critical Crop Girth (CCG) as given in the table below. No grid shall be selected for the purpose of removal of over wood if its average Crop Girth (O.B.) is less than the Critical Crop Girths as given in Col. 5 of the table in respect of areas of teak site quality mentioned against them in Col. 3 which correspond to the average height of dominant mature teak trees (if teak is absent, then Bija, Haldu, Ain, Kalam, and Semal) in the crop as given in Col. 2. These Critical Crop Girths relate to high forests only. The proportion of Teak, Bija, Ain, Haldu and Kalam in the crop, as mentioned in Col. 4, will be calculated after excluding the advance growth. Only such grids which have forests of crop girths equal to or more than the value of Critical Crop Girth for that site quality and composition of species shall be considered to be mature and would qualify for the operation of removal of over wood for artificial regeneration by teak.

TABLE

Sr. No.	Average height of dominant mature trees in the crop	Corresponding all India teak site quality	Proportion of Teak, Bija, Ain, Haldu and Kalam in the crop	Critical Crop Girth.
1	Up to 21 meters	Up to III	More than 40%	70 cm
2	Up to 21 meters	Up to III	20% to 40%	60 cm
3	Up to 21 meters	Up to III	Below 20%	50 cm
4	21 to 27 meters	II/III, II	More than 40%	85 cm
5	21 to 27 meters	II/III, II	20% to 40%	75 cm
6	21 to 27 meters	II/III, II	Below 20%	65 cm
7	Above 27 meters	I/II, I	More than 40%	110 cm
8	Above 27 meters	I/II, I	20% to 40%	95 cm
9	Above 27 meters	I/II, I	Below 20%	80 cm

Grids which are found fit for teak plantations and also qualifying the above test shall be washed with light green colour on the treatment map and the periphery of the entire area shall be shown by continuous cobalt blue thick line.

c) The minimum unit for giving separate treatment shall be 2 ha.

4. Method of Executing Felling:-

Marking rules for felling are:-

a) In grids shown on the treatment map found fit inter aria as determined after applying the test contained in Para 3(b), marking for felling the entire crop shall be done after reserving.

(i) All young to middle aged fruit bearing trees up to 20 trees/ha. If fruit trees are not available, the required number shall be completed from miscellaneous trees. For the purpose of retention, priority shall be given to established fruit trees preferably in 30 cm to 90 cm girth class. The trees so retained should be, as far as possible, uniformly spread over the area.

(ii) Young to middle aged trees of Semal, Khair, Rose wood and other superior miscellaneous species up to 20 trees/ha uniformly spread over the area. For the purpose of retention, priority shall be given to established trees preferably in 30 cm to 60 cm girth class.

- (iii) All Kullu, Mahua, Chinch and Mango trees irrespective of age against felling throughout the area.
 - b) In addition, no marking for felling shall be done in all areas of coupe line and section lines containing existing forests shall be done where it is on the sides of water course of well defined Nalas, However at other places, improvement felling including removal of dead and hollow trees, and those which are likely to fall shall be done. Crooked and unsound advance growth of teak shall be cut back.
 - c) No marking for felling shall be done in heavy water logged areas that are unfit for teak plantation. If the area is otherwise fit for planting, the blanks shall be planted with Arjun, Ain and other suitable species.
 - d) In the balance area, the grids having forest which fail to qualify the test contained in Para 3 (b) or otherwise found unfit for teak plantation shall be given the treatment as prescribed in b) above. In addition to this badly grown and unsound trees shall be marked for felling and the reproduction of intolerant species like Teak, Bija, Shisam, Semal and other superior miscellaneous species shall be free from shade of Bamboo and other inferior trees. All climbers shall be cut.
5. **Fire Protection Measures :--**
- All along the inner edge of the section line a strip of 5 meters width shall be left at the time of planting for maintaining it as fire line.

Managing Director.

Appendix No. XXVIII

Sequence of working of Conversion working circle

Sr. No	Range	Com. No.	Year of working										Total
			2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	2034-35	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Balapur	52	36.984	36.000	36.000	36.000	36.000	36.000	36.000	36.000	36.000	36.000	360.98
		54	47.550	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	407.55
		58	22.350	20.000	20.000	20.000	20.000	20.000	20.000	20.000	0.000	0.000	162.35
		60	49.000	49.000	49.000	49.000	49.000	49.000	49.000	49.000	49.000	48.710	489.71
		61	23.640	23.000	23.000	23.000	23.000	23.000	23.000	23.000	23.000	23.000	230.64
		62	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	18.282	189.28
		76	28.630	26.000	26.000	26.000	26.000	26.000	26.000	26.000	26.000	26.000	262.63
		77	58.000	58.000	58.000	58.000	58.000	58.000	58.000	58.000	58.000	52.990	574.99
		69	79.160	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000	754.16
		70	49.060	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	43.000	436.06
		71	29.718	28.000	28.000	28.000	28.000	28.000	28.000	28.000	28.000	28.000	281.71
		72	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	14.330	149.33
		73	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000	25.519	295.51
		74	20.000	20.000	20.000	20.000	20.000	14.270	0.000	0.000	0.000	0.000	114.27
		Total	508.092	482.000	482.000	482.000	482.000	476.270	462.000	462.000	442.000	430.831	4709.15
2	Sindewahi	115	14.020	14.000	14.000	14.000	14.000	14.000	14.000	14.000	14.000	14.000	140.02
		134	40.670	39.000	39.000	39.000	39.000	39.000	39.000	39.000	39.000	39.000	391.67
		135	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	13.620	148.62
		136	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	22.800	247.80
		137	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	10.030	118.03
		139	43.330	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	403.33
		168	27.964	26.000	26.000	26.000	26.000	26.000	26.000	26.000	26.000	26.000	261.96

		170	44.090	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000	404.090
		171	25.100	23.000	23.000	23.000	23.000	23.000	23.000	23.000	23.000	23.000	232.100
		172	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	34.841	349.841
		173	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	23.612	248.612
		Total	307.174	294.000	294.000	294.000	294.000	294.000	294.000	294.000	294.000	286.903	2946.077
3	Pathari	160	6.670	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.670
		128	20.000	20.000	20.080	0.000	0.000	0.000	0.000	0.000	0.000	0.000	60.080
		140	3.460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.460
		141	9.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.500
		Total	39.630	20.000	20.080	0.000	0.000	0.000	0.000	0.000	0.000	0.000	79.710
4	Wadsa	34	25.410	25.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	50.410
		30	27.880	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	252.880
		32	38.000	38.000	38.000	38.000	38.000	38.000	38.000	38.000	38.000	35.060	377.060
		79	23.000	23.000	23.000	23.000	23.000	23.000	23.000	23.000	23.000	22.530	229.530
		80	22.010	22.000	22.000	22.000	22.000	22.000	0.000	0.000	0.000	0.000	132.010
		81	23.870	20.000	20.000	20.000	20.000	20.000	20.000	0.000	0.000	0.000	143.870
		83 A	84.000	81.000	81.000	81.000	81.000	81.000	81.000	81.000	81.000	81.000	813.000
		83 B	68.000	68.000	68.000	68.000	68.000	68.000	68.000	68.000	68.000	64.780	676.780
		86	26.070	25.000	25.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	76.070
		87	25.570	24.000	24.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	73.570
		88	20.000	20.000	20.000	19.330	0.000	0.000	0.000	0.000	0.000	0.000	79.330
		123	25.030	25.000	25.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	75.030
		Total	408.840	396.000	371.000	296.330	277.000	277.000	255.000	235.000	235.000	228.370	2979.540
5	Porla	8	25.510	22.000	22.000	22.000	22.000	0.000	0.000	0.000	0.000	0.000	113.510
		9	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	13.670	0.000	173.670
		36	26.700	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	0.000	186.700
		37	48.270	44.000	44.000	44.000	44.000	44.000	44.000	44.000	44.000	44.000	444.270

		39	23.910	21.000	21.000	21.000	21.000	21.000	21.000	21.000	21.000	21.000	212.9
		143	41.190	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	35.000	356.1
		160	22.890	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000	220.8
		Total	208.470	184.000	184.000	184.000	184.000	162.000	162.000	162.000	155.670	122.000	1708.140
		G. T.	1472.206	1376.000	1351.080	1256.330	1237.000	1209.270	1173.000	1153.000	1126.670	1068.104	12422.660

Appendix No. XXIX

Year wise forecast of expenditure on Teak Plantation

year	Particular	Year of plantation	Area in Ha	Rate	Amount in Lakh	Mandays Generated
1	2	3	4	5	6	7
2025-26	PPO+FYO	2025	300.300	97816.48	293.75	47959
	S.Y.O.	2024	309.350	41962.38	129.81	26364
	T.Y.O.	2023	325.350	23700.44	77.11	15719
	Fourth Y.O	2022	215.100	14190.63	30.52	6222
	Fifth Y.O	2021	201.800	8647.42	17.45	3557
	7 th Year	2020	341.000	5542.22	18.90	3853
		Total	1692.900		567.54	103674
2026-27	PPO+FYO	2026	1472.206	102707.30	1512.06	354758
	S.Y.O.	2025	300.300	44060.50	132.31	25592
	T.Y.O.	2024	309.350	24885.46	76.98	14945
	Fourth Y.O	2023	325.350	14900.16	48.48	9412
	Fifth Y.O	2022	215.100	9079.79	19.53	3792
	7 th Year	2020	193.000	5819.33	11.23	2180
		Total	2815.306		1800.60	410679
2027-28	PPO+FYO	2027	1376.000	107842.67	1483.92	326463
	S.Y.O.	2026	1472.206	46263.53	681.09	189315
	T.Y.O.	2025	300.300	26129.73	78.47	14509
	Fourth Y.O	2024	309.350	15645.17	48.40	8949
	Fifth Y.O	2023	325.350	9533.78	31.02	5736
	7 th Year	2021	201.800	6110.30	12.33	2280
		Total	3985.006		2335.22	547252
2028-29	PPO+FYO	2028	1351.080	113234.80	1529.89	319556
	S.Y.O.	2027	1376.000	48576.71	668.42	174212
	T.Y.O.	2026	1472.206	27436.22	403.92	107324
	Fourth Y.O	2025	300.300	16427.43	49.33	8687
	Fifth Y.O	2024	309.350	10010.47	30.97	5454
	7 th Year	2022	215.100	6415.81	13.80	2430
		Total	5024.036		2696.33	617663
2029-30	PPO+FYO	2029	1256.330	118896.54	1493.73	299648
	S.Y.O.	2028	1351.080	51005.55	689.13	170530
	T.Y.O.	2027	1376.000	28808.03	396.40	98764
	Fourth Y.O	2026	1472.206	17248.80	253.94	64261
	Fifth Y.O	2025	300.300	10510.99	31.56	5293
	7 th Year	2023	325.350	6736.60	21.92	3676
		Total	6081.266		2886.68	642172

year	Particular	Year of plantation	Area in Ha	Rate	Amount in Lakh	Mandays Generated
1	2	3	4	5	6	7
2030-31	PPO+FYO	2030	1237.000	124841.37	1544.29	296562
	S.Y.O.	2029	1256.330	53555.83	672.84	159906
	T.Y.O.	2028	1351.080	30248.43	408.68	96676
	Fourth Y.O	2027	1376.000	18111.24	249.21	59135
	Fifth Y.O	2026	1472.206	11036.54	162.48	47973
	7 th Year	2024	309.350	7073.43	21.88	3495
		Total	7001.966		3059.38	663747
2031-32	PPO+FYO	2031	1209.270	131083.44	1585.15	296560
	S.Y.O.	2030	1237.000	56233.62	695.61	158258
	T.Y.O.	2029	1256.330	31760.85	399.02	90652
	Fourth Y.O	2028	1351.080	19016.80	256.93	57885
	Fifth Y.O	2027	1376.000	11588.37	159.46	36008
	7 th Year	2025	300.300	7427.10	22.30	3393
		Total	6729.980		3118.48	642756
2032-33	PPO+FYO	2032	1173.000	137637.61	1614.49	286335
	S.Y.O.	2031	1209.270	59045.30	714.02	158255
	T.Y.O.	2030	1237.000	33348.89	412.53	89717
	Fourth Y.O	2029	1256.330	19967.64	250.86	54277
	Fifth Y.O	2028	1351.080	12167.79	164.40	35273
	7 th Year	2026	1472.206	7798.46	114.81	25097
		Total	7698.886		3271.10	648954
2033-34	PPO+FYO	2033	1153.000	144519.49	1666.31	279793
	S.Y.O.	2032	1173.000	61997.56	727.23	152804
	T.Y.O.	2031	1209.270	35016.33	423.44	89718
	Fourth Y.O	2030	1237.000	20966.02	259.35	53719
	Fifth Y.O	2029	1256.330	12776.18	160.51	33075
	7 th Year	2027	1376.000	8188.38	112.67	23095
		Total	7404.600		3349.52	632204
2034-35	PPO+FYO	2034	1126.670	151745.46	1709.67	276596
	S.Y.O.	2033	1752.000	65097.44	1140.51	149309
	T.Y.O.	2032	1173.000	36767.15	431.28	86626
	Fourth Y.O	2031	1209.270	22014.32	266.21	53719
	Fifth Y.O	2030	1237.000	13414.99	165.94	32735
	7 th Year	2028	1351.080	8597.81	116.16	22607
		Total	7849.020		3829.78	621592

Appendix No. XXX

Sequence of working of Bamboo working circle

Sequence of working in Bamboo Area

Felling Series. (Natural Bamboo)	Year of Felling.	Bamboo Coupe	Sr. No.	Comptt. No.	Area of Comptt.	Area under Bamboo
Balapur	2025-26	C	1	53	59.240	15.000
Balapur	2028-29	C	2	54	433.420	60.000
Balapur	2031-32	C	3	57	555.408	20.000
Balapur	2034-35	C	4	70	628.870	50.000
Balapur		C	5	72	354.100	50.000
Pathari		C	6	164	542.610	33.000
Pathari		C	7	165	381.420	67.000
Pathari		C	8	166	486.440	13.000
Pathari		C	9	167	484.810	31.000
Wadsa		C	10	80	453.250	100.000
		TOTAL			4379.568	439.000
Balapur	2026-27	A	1	60	623.210	200.000
Balapur	2029-30	A	2	73	367.460	250.000
Sindewahi	2032-33	A	3	168	431.644	100.000
Sindewahi		A	4	169	481.610	200.000
Sindewahi		A	5	170	479.960	125.000
Sindewahi		A	6	171	248.890	20.000
Pathari		A	7	160	595.110	145.000
Wadsa		A	8	83A	1152.600	100.000
					4380.484	1140.000
Balapur	2027-28	B	1	62	521.650	150.000
Balapur	2030-31	B	2	77	665.650	25.000
Balapur	2033-34	B	3	52	53.550	50.000
Balapur		B	4	71	432.210	150.000
Balapur		B	5	74	277.210	100.000
Sindewahi		B	6	172	531.911	150.000
Sindewahi		B	7	173	343.412	100.000
Pathari		B	8	161	366.730	140.000
Wadsa		B	10	81	241.190	80.000
Wadsa		B	11	32	548.750	50.000
Porla		B	9	36	361.760	50.000
		TOTAL			4344.023	1045.000

SEQUENCE OF WORKING IN BAMBOO PLANTATION (OVERLAPPING)

Felling Series. (BambooPlantation)	Year of Felling.	Bamboo Coupe	Sr. No.	Comptt. No.	Area of Comptt.	Area under Bamboo
Wadsa	2025-26	C	1	86	76.070	25.000
Wadsa	2028-29	C	2	87	79.720	25.000
Wadsa	2031-32	C	3	88	98.340	50.000
Porla	2034-35	C	4	153	197.080	75.000
Porla		C	5	160	516.380	100.000
Porla		C	6	164	181.700	75.000
		TOTAL			1149.290	350.000
Wadsa	2026-27	A	1	34	303.140	75.000
Wadsa	2029-30	A	2	30	406.300	75.000
Wadsa	2032-33	A	3	32	548.750	125.000
Wadsa		A	4	79	344.390	137.000
Porla		A	5	8	528.910	137.000
Porla		A	6	9	427.350	100.000
Porla		A	7	36	361.760	50.000
Porla		A	8	37	644.670	50.000
Pathari		A	9	163	463.760	20.000
					4029.030	769.000
Wadsa	2027-28	B	1	80	453.250	50.000
Wadsa	2030-31	B	2	81	241.190	50.000
Wadsa	2033-34	B	3	83A	1152.600	263.500
Wadsa		B	4	83B	1025.000	150.000
Porla		B	5	39	388.110	25.000
Porla		B	6	143	405.090	125.000
Porla		B	7	151	497.770	100.000
Pathari		B	8	129	371.090	15.000
		TOTAL			4534.100	778.500

Note : The above table shows the area for Bamboo Exploitation but entire division area 29136.221 ha. included in this Bamboo (Overlapping) Working Circle.

Appendix No. XXXI

Year wise estimated yield from various working circle

STATEMENT SHOWING THE YEAR WISE ESTIMATE YIELD FOR TEAK PLANTATION AND MANAGEMENT WORKING CIRCLE				
Year	Timber Qty. (M ³)	Poles Qty.	Beat Qty.	Total Revenue in Lac
2025-26	204.588	32362	717.02	220.88
2026-27	232.770	36819	815.80	263.87
2027-28	186.772	29543	654.59	222.31
2028-29	168.584	26666	590.83	210.69
2029-30	143.582	22712	503.21	188.42
2030-31	243.299	38485	852.70	335.24
2031-32	278.371	44032	975.61	402.74
2032-33	259.817	41097	910.59	394.69
2033-34	232.470	36771	814.74	370.81
2034-35	143.582	22712	503.21	240.48
Total	2093.835	331199	7338.30	2850.13

STATEMENT SHOWING THE YEAR WISE ESTIMATE YIELD FOR CONVERSION WORKING CIRCLE				
Year	Timber Qty. (M ³)	Poles Qty.	Beat Qty.	Total Revenue in Lac
2025-26	23396.297	10746	80325.03	9404.93
2026-27	21867.392	10044	75075.94	9229.86
2027-28	21471.363	9862	73716.28	9334.58
2028-29	19965.596	9170	68546.62	9113.95
2029-30	19658.404	9029	67491.96	9422.41
2030-31	19217.719	8827	65978.98	9671.75
2031-32	18641.316	8562	64000.06	9850.74
2032-33	18323.476	8415	62908.84	10166.92
2033-34	17905.040	8223	61472.24	10431.49
2034-35	16974.309	7796	58276.82	10383.71
Total	197420.912	90674	677792.77	97010.34

STATEMENT SHOWING THE YEAR WISE ESTIMATE YIELD FOR BAMBOO OVERLAPPING WORKING CIRCLE				
Year	Long Bamboo Qty.	Bamboo Bundles Qty.	Chapati Bamboo Qty.	Total Revenue in Lac
2025-26	96873	3770	3345	36.94
2026-27	234387	9121	8094	93.84
2027-28	223889	8713	7732	94.12
2028-29	96873	3770	3345	42.76
2029-30	234387	9121	8094	108.63
2030-31	223889	8713	7732	108.96
2031-32	96873	3770	3345	49.50
2032-33	234387	9121	8094	134.76
2033-34	223889	8713	7732	126.13
2034-35	96873	3770	3345	57.30
Total	1762320	68582	60858	852.94

Appendix No. XXXII

Statement showing the year wise revenue and expenditure for various working circle

TEAK PLANTATION AND MANAGEMENT WORKING CIRCLE

Sr. No.	Thinning Cycle	Year	Area in ha.	Particulars of forest produce	Estimated production per ha.	Expected production	Estimated Revenue in Laes	Anticipated Expenditure	
								Per Unit Cost (Rs.)	Total Expenditure in lakh
1	2	3	4	5	6	7	8	9	10
1		2025-26	965.038	Teak Timber	0.083	80.098	34.44	3780.67	3.03
				Non Teak Timber	0.129	124.490	33.61	3780.67	4.71
				Teak Poles	30.039	28989	108.71	196.01	56.82
				Non Teak Poles	3.495	3373	8.43	196.01	6.61
				Teak Stocks	0.095	91.68	11.92	1887.26	1.73
				Non Teak Stocks	0.648	625.34	23.76	1887.26	11.80
							220.88		84.70
		2026-27	1097.972	Teak Timber	0.083	91.132	41.15	3894.09	3.55
				Non Teak Timber	0.129	141.638	40.15	3894.09	5.52
				Teak Poles	30.039	32982	129.87	201.89	66.59
				Non Teak Poles	3.495	3837	10.07	201.89	7.75
				Teak Stocks	0.095	104.31	14.24	1943.88	2.03
				Non Teak Stocks	0.648	711.49	28.39	1943.88	13.83
							263.87		99.26
		2027-28	881.000	Teak Timber	0.083	73.123	34.67	4010.91	2.93
				Non Teak Timber	0.129	113.649	33.83	4010.91	4.56
				Teak Poles	30.039	26464	109.41	207.95	55.03
				Non Teak Poles	3.495	3079	8.49	207.95	6.40
				Teak Stocks	0.095	83.70	12.00	2002.19	1.68
				Non Teak Stocks	0.648	570.89	23.92	2002.19	11.43
							222.31		82.03
2		2028-29	795.206	Teak Timber	0.083	66.002	32.85	4131.24	2.73
				Non Teak Timber	0.129	102.582	32.06	4131.24	4.24
				Teak Poles	30.039	23887	103.70	214.19	51.16
				Non Teak Poles	3.495	2779	8.04	214.19	5.95
				Teak Stocks	0.095	75.54	11.37	2062.26	1.56
				Non Teak Stocks	0.648	515.29	22.67	2062.26	10.63
							210.69		76.26
		2029-30	677.275	Teak Timber	0.083	56.214	29.38	4255.18	2.39
				Non Teak Timber	0.129	87.368	28.67	4255.18	3.72
				Teak Poles	30.039	20345	92.73	220.61	44.88
				Non Teak Poles	3.495	2367	7.19	220.61	5.22
				Teak Stocks	0.095	64.34	10.17	2124.13	1.37
				Non Teak Stocks	0.648	438.87	20.27	2124.13	9.32
							188.42		66.90
		2030-31	1147.638	Teak Timber	0.083	95.254	52.28	4382.83	4.17
				Non Teak Timber	0.129	148.045	51.02	4382.83	6.49

3		2031-32	1313.072	Teak Poles	30.039	34474	164.99	227.23	78.33
				Non Teak Poles	3.495	4011	12.80	227.23	9.11
				Teak Stocks	0.095	109.03	18.09	2187.85	2.39
				Non Teak Stocks	0.648	743.67	36.07	2187.85	16.27
							335.24		116.77
				Teak Timber	0.083	108.985	62.80	4514.32	4.92
				Non Teak Timber	0.129	169.386	61.29	4514.32	7.65
				Teak Poles	30.039	39443	198.22	234.05	92.32
				Non Teak Poles	3.495	4589	15.37	234.05	10.74
				Teak Stocks	0.095	124.74	21.73	2253.49	2.81
				Non Teak Stocks	0.648	850.87	43.33	2253.49	19.17
							402.74		137.61
		2032-33	1225.550	Teak Timber	0.083	101.721	61.55	4649.75	4.73
				Non Teak Timber	0.129	158.096	60.06	4649.75	7.35
				Teak Poles	30.039	36814	194.26	241.07	88.75
				Non Teak Poles	3.495	4283	15.07	241.07	10.33
				Teak Stocks	0.095	116.43	21.30	2321.09	2.70
				Non Teak Stocks	0.648	794.16	42.46	2321.09	18.43
							394.69		132.29
		2033-34	1096.556	Teak Timber	0.083	91.014	57.82	4789.24	4.36
				Non Teak Timber	0.129	141.456	56.43	4789.24	6.77
				Teak Poles	30.039	32939	182.50	248.30	81.79
				Non Teak Poles	3.495	3832	14.16	248.30	9.52
				Teak Stocks	0.095	104.17	20.01	2390.72	2.49
				Non Teak Stocks	0.648	710.57	39.89	2390.72	16.99
							370.81		121.92
		2034-35	677.275	Teak Timber	0.083	56.214	37.50	4932.92	2.77
				Non Teak Timber	0.129	87.368	36.60	4932.92	4.31
				Teak Poles	30.039	20345	118.35	255.75	52.03
				Non Teak Poles	3.495	2367	9.18	255.75	6.05
				Teak Stocks	0.095	64.34	12.98	2462.45	1.58
				Non Teak Stocks	0.648	438.87	25.87	2462.45	10.81
							240.48		77.56

CONVERSION WORKING CIRCLE

Sr. No.	Year	Area in ha.	Particulars of Forest Produce	Estimated production per ha.	Expected production	Revenue in Lac	Anticipated expenditure	
							Per Unit cost in Rs.	Total Rs. in Lacs
1	2	3	4	5	6	7	8	9
1	2025-26	1472.206	Teak Timber	0.016	23.555	10.13	2693.78	0.63
			Non Teak Timber	15.876	23372.742	6310.64	2693.78	629.61
			Teak Poles	0.114	168	0.63	167.49	0.28
			Non Teak Poles	7.185	10578	26.44	167.49	17.72
			Teak Beat	0.035	51.53	6.70	1738.43	0.90
			Non Teak Beat	54.526	80273.50	3050.39	1738.43	1395.50
						9404.93		2044.64
2	2026-27	1376.000	Teak Timber	0.016	22.016	9.94	2774.59	0.61
			Non Teak Timber	15.876	21845.376	6193.16	2774.59	606.12
			Teak Poles	0.114	157	0.62	172.51	0.27
			Non Teak Poles	7.185	9887	25.95	172.51	17.06
			Teak Beat	0.035	48.16	6.57	1790.58	0.86
			Non Teak Beat	54.526	75027.78	2993.61	1790.58	1343.43
						9229.86		1968.35
3	2027-28	1351.080	Teak Timber	0.016	21.617	10.05	2857.83	0.62
			Non Teak Timber	15.876	21449.746	6263.43	2857.83	613.00
			Teak Poles	0.114	154	0.62	177.69	0.27
			Non Teak Poles	7.185	9708	26.25	177.69	17.25
			Teak Beat	0.035	47.29	6.65	1844.30	0.87
			Non Teak Beat	54.526	73668.99	3027.57	1844.30	1358.68
						9334.58		1990.69
4	2028-29	1256.330	Teak Timber	0.016	20.101	9.82	2943.57	0.59
			Non Teak Timber	15.876	19945.495	6115.39	2943.57	587.11
			Teak Poles	0.114	143	0.61	183.02	0.26
			Non Teak Poles	7.185	9027	25.63	183.02	16.52
			Teak Beat	0.035	43.97	6.49	1899.63	0.84
			Non Teak Beat	54.526	68502.65	2956.02	1899.63	1301.30
						9113.95		1906.62
5	2029-30	1237.000	Teak Timber	0.016	19.792	10.15	3031.87	0.60
			Non Teak Timber	15.876	19638.612	6322.37	3031.87	595.42
			Teak Poles	0.114	141	0.63	188.51	0.27
			Non Teak Poles	7.185	8888	26.49	188.51	16.75
			Teak Beat	0.035	43.30	6.71	1956.62	0.85
			Non Teak Beat	54.526	67448.66	3056.06	1956.62	1319.71
						9422.41		1933.60
6	2030-31	1209.270	Teak Timber	0.016	19.348	10.42	3122.83	0.60
			Non Teak Timber	15.876	19198.371	6489.67	3122.83	599.53
			Teak Poles	0.114	138	0.65	194.17	0.27
			Non Teak Poles	7.185	8689	27.19	194.17	16.87
			Teak Beat	0.035	42.32	6.89	2015.32	0.85
			Non Teak Beat	54.526	65936.66	3136.93	2015.32	1328.83
						9671.75		1946.96

7	2031-32	1173.000	Teak Timber	0.016	18.768	10.61	3216.51	0.60
			Non Teak Timber	15.876	18622.548	6609.77	3216.51	599.00
			Teak Poles	0.114	134	0.66	199.99	0.27
			Non Teak Poles	7.185	8428	27.70	199.99	16.86
			Teak Beat	0.035	41.06	7.02	2075.78	0.85
			Non Teak Beat	54.526	63959.00	3194.99	2075.78	1327.65
						9850.74		1945.22
8	2032-33	1153.000	Teak Timber	0.016	18.448	10.95	3313.01	0.61
			Non Teak Timber	15.876	18305.028	6821.93	3313.01	606.45
			Teak Poles	0.114	131	0.68	205.99	0.27
			Non Teak Poles	7.185	8284	28.59	205.99	17.06
			Teak Beat	0.035	40.36	7.24	2138.05	0.86
			Non Teak Beat	54.526	62868.48	3297.54	2138.05	1344.16
						10166.92		1969.42
9	2033-34	1126.670	Teak Timber	0.016	18.027	11.23	3412.40	0.62
			Non Teak Timber	15.876	17887.013	6999.45	3412.40	610.38
			Teak Poles	0.114	128	0.70	212.17	0.27
			Non Teak Poles	7.185	8095	29.33	212.17	17.18
			Teak Beat	0.035	39.43	7.43	2202.19	0.87
			Non Teak Beat	54.526	61432.81	3383.34	2202.19	1352.87
						10431.49		1982.18
10	2034-35	1068.104	Teak Timber	0.016	17.090	11.18	3514.77	0.60
			Non Teak Timber	15.876	16957.219	6967.39	3514.77	596.01
			Teak Poles	0.114	122	0.69	218.54	0.27
			Non Teak Poles	7.185	7674	29.20	218.54	16.77
			Teak Beat	0.035	37.38	7.40	2268.26	0.85
			Non Teak Beat	54.526	58239.44	3367.85	2268.26	1321.02
						10383.71		1935.51

Appendix No. XXXIII

Standard Instruction for Cleaning Operation in 4th and 7th Teak Plantation



FOREST DEVELOPMENT CORPORATION OF MAHARASHTRA LIMITE

(A Government of Maharashtra Enterprise)

No.Desk-PLN/R&M/Nursery Committee/C.R. 48/23-24/ 1465

Dtd: 19 AUG 2024

To,

The General Manager/Regional Managers (All)
The Divisional Managers (All)

Sub:- Instructions with respect to 4th and 7th year Cleaning Operations in Teak Plantations.

Ref:- This office letter No. PLN/Model Estimate/C.R.48/2023-24/465
Dtd. 24.05.2024

Instructions with respect to Cleaning in Teak Plantations in 4th and 7th year have been issued vide Annexure 6 of this office letter under reference. The said instructions are the reiteration of earlier instructions issued by this office letter vide No. RM/PLN/Thinning/5/7/2006-07/3218 Dtd. 19th October, 2006 and letter No. CGM/Pln/Casualty T. P./Sr. No. 95/21-22/3034 Dtd. 21.12.2021. Para 2.3 and 2.4 of the Annexure 6 in the letter under reference are reproduced as under-

- 2.3 Site-specific estimates for each plantation site will be prepared by the Divisional Manager concerned and prior approval of the Regional-head shall be obtained before undertaking the work.
- 2.4 Regional Head will sanction the estimates after inspection of the area and within seven days of the receipt from the Divisional Head.

2.0 As stated above, the said instructions are basically the reiteration of earlier instructions issued in the year 2006. However in the year 2006, the Range Forest Officers and Assistant Managers level Officer were not sub-delegated with the powers to accord Technical Sanction and Administrative Approval regarding forestry works. Such sub-delegations have now been accorded to the above mentioned officers vide Order No. ADM/Estt.-3/53/399 Dtd. 10.05.2023, whereby Managing Director has sub-delegated his powers as per Serial No. 66- Expenditure on Forestry Works including Regeneration and SMC Works as under-

Technical Sanction

RFO- Upto Rs. 10.00 Lakhs
AM- Upto Rs. 50.00 Lakhs
DM- Upto Rs.100.00 Lakhs

Administrative Approval

AM- Upto Rs. 10.00 Lakhs
DM- Upto Rs. 50.00 Lakhs

3.0 The above mentioned Order stipulates that such sub-delegation shall be subject to observance of canons to financial proprieties and general policies laid down by the Board of Directors from time to time. The said Order further reiterates that the Officers, who are sub-delegated powers shall exercise the same without fear and favor.

4.0 It may therefore be seen that the Range Forest Officers, Assistant Managers and Divisional Managers themselves are empowered to accord Technical Sanction and further, Assistant Managers and Divisional Managers are competent to accord Technical Sanction as well as Administrative Approval to forestry works. Recently, the Assistant Managers and Range Forest Officers have also been provided with Motor Vehicles to ensure their mobility and approach in the Forest Areas.

5.0 In view of the facts mentioned in the foregoing paragraphs and in view of the fact that 4th and 7th years Cleaning Operations in Teak Plantations are vital in nature and any neglect or delay in their execution may lead to irreparable damages to the entire Teak Plantations, following revised instructions with respect to 4th and 7th year Cleaning Operations are issued, which shall be in supersession of instructions given in Annexure-6 of this office letter under reference-

6.0 Revised instructions with respect to 4th and 7th year Cleaning Operations in Teak Plantations:-

Cleaning Operations explained (Appendix-2, Page 61 of Maharashtra Forest Records No. III):-
Cleaning is an operation made in a young crop in order to remove any growth interfering with the proper development of the principal species. In pure crops, therefore, cleanings, the aim of which is generally to improve the composition of a young crop, will not often be required. But even in forests composed almost entirely of one single species, there will often be found during the early youth of the crop, a certain admixture of hardy fast-growing species, which have established themselves at the time of the regeneration. Such species or the coppice shoots of the earlier crop may be useful in completing the consistence of an otherwise too open crop, or their presence may be desirable in order in order to preserve a useful mixture of trees in the crop, but if they are not required for any such reasons, a cleaning should be made and they should be removed.

7.0 The 4th year and 7th year Cleaning Operations in Teak Plantations shall be executed in the following manner-

- i. The boundary of the plantation area will be verified by going over the area. If it is found that details given on the Plantation Board have faded, then the same shall be got repainted.
- ii. Shade tolerant species, like garadi, capable of capturing the site, shall be felled wherever found. Other species, including bamboo, interfering or likely to interfere with the proper growth of teak shall be felled. Damaged or badly shaped trees of coppice origin shall be cut back.
- iii. All climbers shall be cut.
- iv. Damaged and malformed teak saplings shall be cut back.
- v. Multiple shoots shall be reduced to two per stool by retaining most vigorous ones.
- vi. Miscellaneous species and bamboo growth interfering or likely to interfere with teak and other valuable species shall be cut.
- vii. In patches where the plantation has failed, miscellaneous species either of seedling or coppice origin will be tended and retained. The preference for retention of miscellaneous species will be Semal, Shissam, Bija, Tiwas, Surya, Dhawda, Ain etc., in that order.

8.0 In no case, 4th year and 7th year cleaning operations shall be allowed to extend beyond the month of August.

9.0 Maximum number of permissible man-days for taking up cleaning work in 4th and 7th year of Teak Plantations will be ten per ha. However, it is clarified that this is the upper limit of the provisions and not the general formula for actual execution. Therefore, site specific estimates shall be prepared by the Range Forest Officers and Assistant Managers, as the case may be, and the execution shall be closely monitored by the Assistant Managers and Divisional Managers.

- 10.0 In 7th year of plantation 10% enumeration will be carried out immediately after cleaning operation and record of the same will be kept in the following proforma-

Sr. No.	Range	Compartment	Section No.	Area of Section	Expenditure Incurred on cleaning & enumeration
1	2	3	4	5	6

	The no. of plants as per 10% enumeration				Remarks
	Girth below 15 cm	Girth 15-25 cm.	Girth above 25 cm	Total	
					7
Teak					
Non-teak					
Total					

- 11.0 The details of enumeration data as above will be submitted by Regional Manager to the Managing Director by 30th January with specific views as to whether data indicates that it may be necessary to take up first thinning prior to completion of 10th year of the plantation. The above information will be also recorded in plantation register. In case saleable material is available after completion of the work then it will be extracted. After completion of cleaning operations in 4th year information in Col. No. 1 to 6 of above proforma will be compiled and recorded in plantation register.
- 12.0 Considering the fact that the 4th year and 7th year cleaning operations are crucial for subsequent growth and health of Teak Plantations. Assistant Managers and Divisional Managers shall carry out 100% inspection of these operations.
- 13.0 A critical Report regarding the overall execution of 4th year and 7th year cleaning operations shall be submitted by the Divisional Managers to Regional Managers by 31st January and Regional Managers to Managing Director by 15th February every year.


 (Sanjeev Gaur)
 Managing Director

Appendix No. XXXIV

Compartment History Forms

FORM NO. 1

DESCRIPTION OF THE COMPARTMENT

Name of the block :-	Compartment No. :-	Date :-
Forest map sheet :-	Range :-	Stock map :-
Scale :-	Camp :-	Area in ha. :-

1. Location
2. Boundaries
 - North
 - East
 - South
 - West
3. Permanent features :-
4. Topographical features : Give altitudinal variations, aspects and slope
5. Geology and rock :-
6. Soil. (Give types, distribution, origin, color, texture, composition, depth, Humus, Drainage etc.)
7. The Forest :-
 - (i) **General description:-** General description of type and local sub-type of forest.
Qualities, density, age, principal associates, reproduction species etc. to be given.
 - (ii) **Floristic :-** (To be given separately for each sub type distinguished under)
I-Top Canopy, II-Second story, II a-Bamboo, III-Shrubs, IV a-Herbs, IV b- Grasses, V- Climbers, Epiphytes, Parasites, Occurrence of principal species to be indicated by letters (Va)- very abundant.

- (a) Abundant, (f)-frequent, (c)-common, (o)-Occasional, ®-rare, (La) Locally abundant, (Lc)- Locally common
- (iii) Regeneration :-
- (a) Nature: to be described under:
- (i) By coppice from the felled trees.
- (ii) By natural seeding or seeding coppice (It should be clarified whether reproduction is adequate to restock the areas. Such portions should be indicated as far as possible)
- (b) **Artificial Regeneration** : (Details to be given under item 11)
8. **Grazing** : (Mention availability of grazing units and grazing incidence)
9. **Injuries** :- (Extent of illicit cutting, encroachments and illicit grazing, Damage's due to wind cyclones, fires, draught, frost, insects and fungi and spread of lantana or Karvi or other weeds.)
10. **Soil Erosion** : (Give types and extent)
11. **Past History** :- (Among other items information should be recorded about years of harvesting and also the type of harvesting ; standards left, selection size trees reserved against felling; full details, such as year of planting, method of planting, area and species planted and results about artificial regeneration should also be given)
12. **Any other in formation** : (Among other matters information about Experimental Plots (E.P.), Sample Plot (S.P.), Preservation Plot (P.P.), Linear Increment Plot (L.I.P.) wildlife and privileges to be given)

FORM NO. 2

RECORD OF PLANTATION AND CHANGES IN GROWING STOCK

Compartment No. :-

Coupe No. :-

Year/Date	Description of work on plantation and changes in growing stock	Revenue in Rs.	Expenditure in Rs.
1	2	3	4

FORM NO. 3

REGISTER OF OPERATIONS AND OUTTURN

Compartment No. :-

Coupe No. :-

Year/ Date	Description	Revenue in Rs.	Expenditure in Rs.
1	2	3	4

FORM NO. 4

RECORD OF OBSERVATIONS

Compartment No. :-

Coupe No.

Date and Name of Officer	Extracts from diaries, notes and reports
1	2

FORM NO. 5

RECORD OF FIRE

Compartment No. :-

Coupe No.

Date of occurrence	Description	Cost
1	2	3

Area burnt of Coupe No. :-

Detail of damage and its approximate value :-

Damage to regeneration :-

Damage to standing trees :-

Timber :-

Cart load fuel :-

Cart load grass :-

Bamboo :-

Expenditure incurred for putting out fire as per fires:-

Case No. _____ of _____ was Rs. _____

Range Forest Officer

Appendix No. XXXV

Formats of Coupe Control Forms

a. COUPE CONTROL FORM:

The format of coupe control form is as under

Working Circle- Periodic Block-		Felling- Series- Cutting- Section	Localities prescribed Localities suggested				COUPE CONTROL FORM		
			As carried out				Coupe No. Excess (+) or Deficit (-)	Page	
Prescription in brief	W.P. para	Year due	Year	Block/ Compt.	Area	Volume	Area	Volume	Remarks & Sanction
	2	3	4	5	6	7	8	9	10

b. FELLING CONTROL FORM:

The format of felling control form is as under:

Working Circle- Periodic Block-		Felling Series- Cutting Section-		Localities prescribed Localities suggested (With Areas)				COUPE CONTROL FORM	
								Coupe No.	Page
Range wise	Area	Species	Diamete r class	Trees marked	Unit Factor	Volume marked	Trees retained	% Trees retained	Remarks
	2	3	4	5	6	7	8	9	10

CONTROL FORM NO. 3

CONTROL FORM FOR CULTURAL OPERATIONS

NAME OF THE WORKING PLAN:-

CIRCLE :

WORKING CIRCLE:-

DIVISION :

FELLING SERIES:

RANGE :

PRESCRIBED OPERATIONS VIDE PARAS:

Prescribed operations					Actual Working	
Year	Nature of operations prescribed	Compartment No.	Coupe No.	Area (in ha.)	Year in which worked	Area actually worked (in ha.)
1	2	3	4	5	6	7

Results of operations actually carried out					
Out-turn if any			Revenue Realized (in Rs.)	Expenditure incurred (in Rs.)	Remarks
Timber in Cum.	Poles in No. & Cum.	Fuel Beats No. & Cum.			
8	9	10	11	12	13

CONTROL FORM NO. 4

CONTROL FORM FOR OVERLAPPING WORKING CIRCLE

NAME OF THE WORKING PLAN:

CIRCLE:

WORKING CIRCLE:

DIVISION:

FELLING SERIES:

RANGE :

PRESCRIBED OPERATIONS VIDE PARAS:

Prescribed Operations				
Year	Range	Unites, Coupes or Compartment Nos.	Area in ha.	Year of working
1	2	3	4	5

Results of operations actually carried out				
Total area Worked in ha.	Balance (+In Blue) (- In Red)	Revenue Realized (In Rs.)	Expenditure incurred (In Rs.)	Remarks
6	7	8	9	10

CONTROL FORM NO. 5

CONTROL FORM FOR FIRE PROTECTION

A. PERMANENT FIRE LINES

B. SPECIAL LINES

NAME OF THE WORKING PLAN :

CLASS I FOREST AREAS COMPLETELY PROTECTED

CLASS II FOREST AREAS GENERALLY PROTECTED

PRESCRIBED OPERATIONS VIDE PARA

Year	Ranges	Class & Areas	Length of fire lines to be cut and burnt	
			(a) External (Artificial only) (b) Internal (I) Roads (II) Artificial lines	In Kms.
1	2	3	4	5

Results of operations actually carried out					Reasons for shortfall
Length of fire lines cut and burnt during the year		Expenditure in Rs.	Shortfall Particulars of lines not covered should be given		
a) External (Artificial only) b) Internal I) Roads II) Artificial lines	In Km.		Location of fire lines	Length in Km.	
6	7	8	9	10	11

Results of operations actually carried out			No. of fire watchers		
Accidental fires & Area burnt due to accidental fires	Nature of damage	Expenditure incurred in Rs.	Prescribed	Actually appointed	Expenditure incurred in Rs.
12	13	14	15	16	17

Results of operations actually carried out	Remarks
Total Expenditure in Rs. (Total of column Nos. 8, 14 & 17)	
18	19

CONTROL FORM NO. 6**CONTROL FORM FOR 1/5th BOUNDARY DEMARCATION AND VERIFICATION SCHEME**

NAME OF THE WORKING PLAN:

CIRCLE:

WORKING CIRCLE

DIVISION:

FELLING SERIES:

RANGE:

PRESCRIBED OPERATIONS VIDE PARAS:

APPENDIX NO.:

A. NEW DEMARCATION ONLY

Year	Range	Location of boundary	Location of boundary
		From	To
1	2	3	4

Target for the year	Length actually demarcated	Shortfall or excess (+ In /red) (- In Blue)	Total No. of cairns built	Remarks (Details about different types of cairns erected should be given)
5	6	7	8	9

B. MAINTENANCE AND VERIFICATION OF LINES

Year	Range	Location of boundary	Prescribed	
			From	To
1	2	3	4	5

Boundary actually Verified and maintained	Shortfall or excess (+ In Red) (- In Blue)	Remarks (Among other matters special mention about the encroachments noticed during verifications should be made)
6	7	8

CONTROL FORM NO. 7

CONTROL FORM FOR GRAZING

NAME OF THE WORKING PLAN:

CIRCLE:

WORKING CIRCLE

DIVISION:

FELLING SERIES:

RANGE:

PRESCRIBED OPERATIONS VIDE PARAS:

APPENDIX NO.:

Prescriptions vide paragraph No.				Maximum incidence permissible according to the classification
Grazing Unit No. Class of Forest etc.	Year	Area in ha.		
		Total Area	Average area open to grazing	
1	2	3	4	

Actual grazing conditions			No. of sections closed to grazing	Free Bulls Bullocks or Cows	Buffaloes
Maximum No. of cattle admissible					
Bulls Bullock or Cows	Buffaloes	Total Units Cows, Bullocks, Buffaloes			
6	7	8	9	10	11

Privileged rate		Commercial rates				Total cattle unit grazed
Bulls Bullocks or Cows	Buffaloes	Cows, Bulls, Bullocks	Buffaloes	Cows Bulls Bullocks	Buffaloes	
12	13	14	15	16	17	18

Appendix No. XXXVI

NURSERY REGISTER FORM

FORM NO. 1

GENERAL PARTICULARS

Division	Range	Area
----------	-------	------

1. Name of the Nursery :-

2. Location :-

3. Year of formation :

4. Locality factors :-

(a) Climate	Average Rainfall	Temperature Max. Min.
-------------	---------------------	--------------------------

(b) Topography

(c) Soil Condition and Classification

5. Previous vegetation:-

6. Legal Position of the land:-

7. Water supply:-

8. Scope for future expansion:-

FORM NO. 2**INITIAL FORMATION****PART - 1****NON-RECURRING ITEM**

Item	Brief Description of work done	Total Expenditure of the item	Sanctioned Amount	Remarks
1	2	3	4	5

PART - II**SUMMARY OF ANNUAL RESULTS**

Year	Total cost incurred	Total Planting Stock Produced							
		Regular Plantation		A forestation		Van Mahotsava		Miscellaneous	
		Name of Species	No.	Name of Species	No.	Name of Species	No.	Name of Species	No.
1	2	3	4	5	6	7	8	9	10

Disposal of the Planting Stock					
Regular Plantation			A forestation		
Species	No.	Where used	Species	No.	Where used
11	12	13	14	15	16

Disposal of the Planting stock						Remarks
Van-Mahotsava			Miscellaneous			
Species	No.	Where used	Species	No.	Where used	
17	18	19	20	21	22	
						23

PART – III

REMARKS OF INSPECTING OFFICERS

Date	Inspecting notes	Remarks about compliance where necessary
1	2	3

Total cost initially incurred		
Year	Item	Non Recurring expenditure in subsequent years (Rest of the columns as above)

FORM NO. 3

NURSERY REGISTER (INITIAL FORMATION)

(RECURRING ITEMS)

(To be filled in for every year and tagged on the register)

Year	Item	Total Expenditure for the item	Sanctioned Amount
1	2	3	4

1. Renovation of beds.
2. Maturing
3. Providing side supports
4. Shading of beds
5. Purchase and collection of seed and origin of seed.
6. Purchase of container.
7. Purchase of other materials if any
8. Sowing
9. Transplanting in beds.

10. Sowing or transplanting in containers.
11. Cost of missing of seedlings.
12. Wages of Mali and temporary staff.
13. Wages of laborers
14. Cost of running pump.
 - (a) Diesel oil
 - (b) Lubricating oil
 - (c) Maintenance including repairs and parts.
 - (d) Any other items
15. Brief description of works.
(Type of bed, Size and no. of beds, method of formation etc. details of containers use etc.)
16. Total cost for the year:-

FORM NO. 4

NURSERY REGISTER

DETAILED LAY OUT OF THE NURSERY

(To be shown roughly to a scale of 1" = 33' or any other suitable scale)

FORM NO. 5A (i)

NURSERY REGISTER

STOCK LEDGER OF SOWN BEDS

Species	Size of beds & No.	Date of sowing	Quantity of Seed Sown	Period of Germination	Stock Raised	Distribution of stock (For)	
						Transplanting on beds	Transplanting in Polythene bags
1	2	3	4	5	6	7	8

FORM NO. 5 A(ii)

NURSERY REGISTER

STOCK LEDGER FOR TRANSPLANTING BEDS

Species	Period of transplanting	No. of beds	No. of beds transplanted	Spacing	Distribution	
					No. bed used	Balance
1	2	3	4	5	6	7

FORM NO. 5B

NURSERY REGISTER

STOCK LEDGER OF SOWN BEDS

Species	Size of Beds & No.	Date of Sowing	Quantity of seed sown	Period of germination	Stock raised	Distribution	Remarks
1	2	3	4	5	6	7	8

FORM NO.L 6

NURSERY REGISTER

DETAILS OF PLANTING STOCK RAISED OTHERWISE THAN ON THE BEDS

Species	Type of containers	No.	Direct sowing or Transplanting	Disposal		Remarks
				No. of Seedling	No. of seedling disposed of	
1	2	3	4	5	6	7

FORM NO. 7**NURSERY REGISTER****SUMMARY OF ANNUAL RESULTS**

Year	Total cost incurred	Total planting stock produced							
		Regular Plantation		A forestation		Van Mahotsava		Name of Species No.	
		Name of Species	No.	Name of Species	No.	Name of Species	No.	Name of Species	No.
1	2	3	4	5	6	7	8	9	10

(a) Recurring

(b) 1/10: ha. Of total non-recurring

Cost incurred in the year under report

Disposal of the planting stock produced									
Regular Plantation			A forestation			Van-Mahotsava			Remarks
Species	No.	Where used	Species	No.	Where used	Species	No.	Where used	
7(a)	7(b)	7(c)	8(a)	8(b)	8(c)	9(a)	9(b)	9(c)	10

FORM NO. 8**NURSERY REGISTER****REMARKS OF INSPECTING OFFICER**

Date	Inspecting notes and instruction issued	Remarks about compliance with the note
1	2	3

FORM NO. 9

NURSERY REGISTER

REVENUE REALIZATION IF ANY

Year and Date	Amount	Details	Remarks
1	2	3	4

FORM NO. 10

NURSERY REGISTER

GERMINATION TEST

Species	Origin of seed	Seed weight	Result of Cutting test	Pretreatment	No. of seed used	Date of sowing	Date of germination	No. of germinated
1	2	3	4	5	6	7	8	9

Appendix No. XXXVII

PLANTATION REGISTER FORMS

FORM NO. 1

TREATMENT MAP

(Trace showing the areas under Rab, Trenching, Pitting, Uralist or any other type of and preparation depending upon the Slope, Drainage type and Depth of soil etc. should be given)

FORM NO. 2

GENERAL INFORMATION

1. Name of the Plantation :-
2. Year of Plantation :-
3. Range/Division :-
4. Location :-
5. Area in categories such as –
 - (i) Reserved Forests:
 - (a) Already in charge of Forest Department
 - (b) Taken over from revenue department
 - (ii) Protected Forests-
 - (a) Already in charge of Forest Department
 - (b) Taken over from revenue department
 - (iii) Any other type
6. Topography, Aspect, Slope, Rock and Soil. (Trial pits should be taken and soil profiles described)
7. Climate:-
8. Rainfall:-

Year	Total Amount of Rainfall	No. of Rainy days

9. Temperature:-

Year	Maximum/Month	Minimum/Month

FORM NO. 3

TRACE SHOWING AREAS PLANTED WITH DIFFERENT SPECIES

FORM NO. 4

DESCRIPTION OF WORKS DONE

1. Details of operations carried out:-

(a) Robbing

Total Area:-

(b) Tracing

Type	Size	No. of Trenches	Area Covered

(c) Pitting

Type	Size	No. of Pits	Area Covered

2. **Any other operations:-**

(i) Staking – No. of stakes

(ii) Maturing

3. **Plantation works carried out:-**

(a) Species and method of planting or sowing, with spacement adopted.

(b) Details of seed sown, its origin and viability, seedlings or stumps

Planted

Species	Quantity of seed sown	No. of stumps planted	No. of seedlings planted with dates of planting

Species	Date of Sowing	Date of Planting	Naked	Mossed	Potted	Total

4. **Causalities replacement:-**

Year	Species	No. of seedlings/stumps	Dates of replacement

5. **Weeding:-**

Year 1 st /2 nd /3 rd	Type of Weeding	Period of weeding	Remarks (Clean/strip/around plants etc.)

6. **Fertilizers used:-**

Kinds	Quantity	Dosage given	Date

7. **Insecticides used:-**

Kinds	Quantity	Dosage given	Date

8. **Fire Protection:-**

Year	Date	Length	Width

FORM NO. 5

COUNT OF SURVIVALS

Sr. No.	Name of species	No. planted	Year	Survivals				Remarks
				As on 31 st Oct		As on 30 th May		
				No.	Percent	No.	Percentage	
1	2	3	4	5	6	7	8	9

FORM NO. 6

COST OF OPERATIONS

(In Rs.)

1. Demarcation and marking.
2. Clear felling or clearance of site
3. Pre-plantation works
4.
 - (a) Preparation of Rab.
 - (b) Digging of Pits.
 - (c) Contour Trenching
 - (d) Formation of Uralies
 - (e) Any other operation (Cost of maturing)
 - (f) Burning of Pits.
 - (g) Preparation of stakes
 - (h) Aligning and staking
5. Collection of seed for direct sowing
6. Preparation of stumps & transportation.
7. Weeding:
 - I.
 - II.
 - III.

8. Causalities replacement in the 1st year of planting
9. Fire protection.
10. Nursery preparation cost
11. Any other items such as fencing etc.
12. Total expenditure to the end of 1st year.

FORM NO. 7

COST OF SUBSEQUENT YEARS OPERATIONS

Year	Brief account of work done and dates	Total expenditure incurred in Rs.	Expenditure per ha. in Rs.	Remarks
1	2	3	4	5

FORM NO. 8

RECEIPTS REALISED

Year	Date	Particulars	Amount realized in Rs.	Remarks
1	2	3	4	5

FORM NO. 9

INSPECTION NOTES

Date	Inspection Notes, and instruction issued	Remarks about compliance wherever necessary
1	2	3

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Appendix No. XXXVIII

DIVISIONAL NOTE BOOK

Serial No.	Subject	Reference
1	2	3

1. **BLACK LIST OF**
 - (a) Government Servant
 - (b) Contractor
2. **STATISTICS**
 - (a) Teak
 - (b) Semal
 - (c) Other species
3. **OTHER SPECIES**
4. **WORKING PLAN**
 - (i) Seed year
 - (ii) Reproduction of tree species either by seed or by coppice as a result of Working the forests or advance grazing closures
 - (iii) Nursery and plantation (Inspection notes of superior officers in the nature of a periodical review)
5. **INJURIES TO WHICH THE CROP IS LIABLE :-**
 - (a) Natural phenomena i.e. frost, drought etc.
 - (b) Insects and fungi
 - (c) Wild animals
 - (d) Erosion
 - (e) Climbers

6. **MINOR FOREST PRODUCE :-**
 - (i) Kulu gum
 - (ii) Tendu leaves
 - (iii) Katha etc.
7. **FINANCIAL RESULTS**
8. **GRAZING :-**
 - (a) General
 - (b) Effects of closures on pasture conditions and reproduction of tree Species
9. **FIRE PROTECTION**
10. **LABOUR SUPPLY**
11. **EXPERIMENTS AND TESTS**
12. **FOREST BOTANY**
13. **FOREST ZOOLOGY**
14. **FOREST OFFENCES (Mention only those of a special nature)**
15. **WATER SUPPLY**
16. **GAME PRESERVATION AND SHOOTING**
17. **PROTECTED FORESTS**
18. **MISCELLANEOUS.**

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Appendix No. XXXIX

**Statement showing Man-Animal killed & injured by
wild animal & Compensation paid.**

Sr. No.	Year	Animal killed/ Injured	Compensation paid	Man killed/ Injured	Compensation paid
1	2015-16	73	571225	1	10363
2	2016-17	92	840223	1	3000
3	2017-18	74	668625	7	3416360
4	2018-19	100	1301215	4	440000
5	2019-20	117	1654460	2	162500
6	2020-21	111	1566946	4	1145000
7	2021-22	71	644200	6	10146796
8	2022-23	79	705000	5	6423000
9	2023-24	109	1662389	4	2286100
GRAND TOTAL		826	9614283	34	24033119

Appendix No. XL

Rotation Period in F.D.C.M. Ltd.

FOREST DEVELOPMENT CORPORATION OF MAHARASHTRA LTD.

(Govt. of Maharashtra Enterprise)

(Regd. Office:- 12, Rawel Plaza, Kadbi Chowk, Kamathi Road, Nagpur-440004)

Phone – 2533442, 2533475, Fax – 91-0712-2551686

E-mail :- mdfdcmp ngp@sancharnet.in

PLN/11/2003-04/984, Nagpur, Dated 02.06.2004

To,

The General Managers (All)

F.D.C.M. Limited

Subject:- Rotation period of Teak in F.D.C.M. Limited.

1.0 The successful and established Teak plantations with the F.D.C.M. Ltd. have been allocated to the Teak Production Working Circles/Teak Plantation Management Working Circle in the Management Plans. Tending operations like cleaning and thinning have been prescribed therein as per revised thinning instructions conveyed vide this office letter no. PLN/05/F-II, Dated 2.9.1999 According, after first thinning in the 10th year of plantations, second and subsequent thinning are proposed at an interval of every five years. Further, in the management plans of some of the Forest Project Divisions the age of rotation indicated for Teak is 40 years based on the financial rotation.

2.0 In view of the fact that the Management Plans in F.D.C.M. Ltd. are under revision, it was felt necessary to review the prescribed rotation period of Teak after taking into consideration the economic as well as Silvicultural aspects and accordingly, a committee was constituted vide letter No. PLN/11(2003-04) 3862 dated 29.11.2003 under the

Chairmanship of Shri Tasneem Ahmad, Chief Conservator of Forests (Territorial) Amravati Circle. The Committee has submitted its report after analyzing the data of growth of teak as well as the market trends on teak over the last few years.

3.0 On the basis of the report of the Committee, the rotation period of teak in F.D.C.M. Ltd. is fixed at 80 years, irrespective of the site quality for Teak. This shall be applicable to all Teak plantations with the Company i.e. plantations raised by Forest Department prior to 1969, Teak plantations raised by F.D.C.M. Ltd. after clear felling up to 1987 and again after 2001 and plantations raised without clear felling including those raised under the scheme of Enrichment Plantation Westland Development Project (Bankable) Phase-I and FP-I model of Maharashtra Forestry Project.

4.0 Thinning would be carried in all these plantations as prescribed up to 70th year of plantation. No further thinning will be done in the plantation after 70th year thinning is done till it reaches 80 years of age when it would be ready for final felling. All efforts should be made to ensure complete protection of plantations from the grazing illicit felling of trees etc. till its final felling on completion of rotation period.

5.0 The schedule of cleaning thinning and final felling due in Teak plantations in the next plan period up to 2015-16 is enclosed herewith. It is requested that the same may be considered while revising the Management Plans of the respective Divisions. These instructions will be reviewed after ten years interval taking in to consideration the relevant data at that point of time.

Encl. : As above

Sd/-

Managing Director

Copy along with enclosure to Divisional Managers (all) / Sectional Heads (all) F.D.C.M. Ltd. Nagpur for information and necessary action.

Appendix No. XLI

List of Medicinal Value Climbers

LIST OF MEDICINAL VALUE CLIMBERS

Sr. No.	LOCAL NAME	BOTANICAL NAME	FAMILY
1	Chillhari	<i>Caesalpinia decapetala (Roxb)</i>	Caesalpinaceae
2	Chilati	<i>Mimosa hamata (Willd)</i>	Fabaceae
3	Dudhi	<i>Cryptolepis buchanani (Roem)</i>	Pocynaceae
4	Eroni	<i>Zizyphus oenoplia (Linn)</i>	Rhamnaceae
5	Gunj	<i>Abrus precatorius (Linn)</i>	Fabaceae
6	Gulvel	<i>Tinospora cordifolia (Willd)</i>	Menispermaceae
7	Kajkuri	<i>Mucuna pruriens(L)</i>	Fabaceae
8	Khobarvel	<i>Hemidesmus indicus (Linn)</i>	Asclepiadaceae
9	Piwarvel	<i>Combretum ovalifolium (Roxb)</i>	Combretaceae
10	Shataori	<i>Asparagus recemosus</i>	Asparagaceae
11	Ghotwel	<i>Smilax macrophylla</i>	Smilacaceae
12	Raktwel	<i>Ventilago Denticulata</i>	Rhamnaceae

Appendix No. XLII

Statement showing Taluka wise list of important tanks in the area

Sr. No	Name of Tahsil	Situation	Area (Ha.)	Purpose	Type
1	2	3	4	5	6
1	Bramhapuri	Dhanoli Poha	17.770	Irrigation to agricultural land.	Govt. Tank minor irrigation
		Kharbi Minor	13.350	--"--	--"--
		Chandgaon	32.710	--"--	Old Malgajari tank
		Bhagwanpur	62.030	--"--	--"--
		Rampuri	34.460	--"--	--"--
		Jawarabodi Mendha	46.180	--"--	--"--
2	Nagbhir	Ghodazari	N-A.	--"--	Govt. Tank major irrigation
		Mangrool	N-A.	--"--	--"--
		Govindpur	N-A.	--"--	--"--
		Kasarla	3 Sq.Miles	--"--	Minor irrigation
		Chindhi	2.559	--"--	Minor irrigation
		Adyal - Mendha	0.730	--"--	Minor irrigation
		Bikali	16.000	--"--	Old Malgajari tank
		Telimendha	24.840	--"--	--"--
		Moushi	9.240	--"--	--"--
		Usralmendha	11.130	--"--	--"--
3	Sindewahi	Gadmoushi	4.500	--"--	Minor irrigation
		Maregaon	4.000	--"--	Minor irrigation
		Khairi	4.000	--"--	Minor irrigation
		Pawanpur	5.200	--"--	Minor irrigation
		Usarpar	0.266	--"--	Z.P. New irrigation
		Gawara (Bujrukh)	0.600	--"--	Z.P. New irrigation
		Pandharsarad	3.500	--"--	Z.P. New irrigation

Sr. No	Name of Tahsil	Situation	Area (Ha.)	Purpose	Type
1	2	3	4	5	6
	Sindewahi	Dongargaon (Mhaske)	0.3559	--"--	Z.P. New irrigation
		Nifandra	0.9589	--"--	Z.P. New irrigation
		Akara	3.500	--"--	Old Malgujari tank
		Bhuj	1.000	--"--	Old Malgujari tank
		Kinhi	1.200	--"--	Old Malgujari tank
		Palasgaon	12.500	--"--	Old Malgujari tank
		Navargaon	2.800	--"--	Old Malgujari tank
		Ratnapur	1.050	--"--	Old Malgujari tank
		Antargaon	0.900	--"--	Old Malgujari tank
		Minzari	0.550	--"--	Old Malgujari tank
		Girgaon	2.900	--"--	Old Malgujari tank
4	Saoli	Asolamendha	234.280	--"--	major irrigation
5	Armori	Karodi Band	4.349	Irrigation	Tank
6	Gadchiroli	Vihirgaon	3.000	Agricultural land.	Old Malgujari tank
		Jepra	2.000	Irrigation	Animals tank
		Jepra	1.000	Agricultural land.	Old Malgujari tank

Appendix No. XLIII

Act & Rules of financial assistance & compensation for damages due to human conflict

RNI No. MAHBIL/2009/31733



महाराष्ट्र शासन राजपत्र असाधारण भाग चार-अ

वर्ष १०, अंक १६]

गुरुवार, फेब्रुवारी १, २०२४/माघ १२, शके १९४५

[पृष्ठे २, किंमत : रुपये १५.००

असाधारण क्रमांक १९

प्राधिकृत प्रकाशन

महाराष्ट्र शासनाने केंद्रीय अधिनियमांन्वये तयार केलेले
(भाग एक, एक-अ आणि एक-ल यांमध्ये प्रसिद्ध केलेले नियम व आदेश यांन्वयितरिक्त) नियम व आदेश.

महसूल व वन विभाग

मादाम कामा मार्ग, हुतात्मा राजगुरू चौक, मंत्रालय,
मुंबई ४०० ०३२, दिनांक ३० जानेवारी, २०२४.

अधिसूचना

महाराष्ट्र वन्य प्राण्यांमुळे झालेली हानी, इजा किंवा नुकसान यांकरिता नुकसानभरपाई प्रदान करणे अधिनियम, २०२३.

क्रमांक डब्ल्यूएलपी ०२.२३/प्र.क्र.५२(भाग-१)/फ-१.- महाराष्ट्र वन्य प्राण्यांमुळे झालेली हानी, इजा किंवा नुकसान यांकरिता नुकसानभरपाई प्रदान करणे अधिनियम, २०२३ (सन २०२३ चा अधिनियम क्रमांक ३७) याच्या कलम १ च्या पोट-कलम (१) द्वारे प्रदान केलेल्या अधिकारांचा वापर करून, महाराष्ट्र शासन, याद्वारे, उक्त अधिनियमाच्या तरतुदी ज्या दिनांकास अंमलात येतील तो दिनांक, १ फेब्रुवारी, २०२४ असा नियत करीत आहे.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नावाने,

विवेक होशिंग,
शासनाचे उप सचिव.

REVENUE AND FOREST DEPARTMENT

Madam Cama Marg, Hutatma Rajguru Chowk, Mantralaya,
Mumbai 400 032, dated the 30th January, 2024.

NOTIFICATION

MAHARASHTRA PAYMENT OF COMPENSATION FOR LOSS, INJURY OR DAMAGE CAUSED BY WILD ANIMALS ACT, 2023.

No.WLP-02.23/C.R.52(Part-I)/F-1.- In exercise of the powers conferred by sub-section (2) of section 1 of the Maharashtra Payment of Compensation for Loss, Injury or Damage Caused by Wild Animals Act, 2023 (Mah. Act No. XXXVII of 2023), the Government of Maharashtra hereby appoints the 1st February, 2024 to be the date on which the provisions of the said Act shall come into force.

By order and in the name of the Governor of Maharashtra,

VIVEK HOSHING,
Deputy Secretary to Government.



सत्यमेव जयते

महाराष्ट्र शासन राजपत्र

असाधारण भाग चार-अ

वर्ष १०, अंक १६(२)]

गुरुवार, फेब्रुवारी १, २०२४/माघ १२, शके १९४५

[पृष्ठे १५, किंमत: रुपये १५.००]

असाधारण क्रमांक २०

प्राधिकृत प्रकाशन

महाराष्ट्र शासनाने केंद्रीय अधिनियमान्वये तयार केलेले
(भाग एक, एक-अ आणि एक-ल यांमध्ये प्रसिद्ध केलेले नियम व आदेश यांच्यातिरिक्त) नियम व आदेश.

महसूल व वन विभाग

मंत्रालय, मादाम कामा मार्ग, हुतात्मा राजगुरू चौक,
मुंबई ४०००३२, दिनांक ३० जानेवारी, २०२४.

अधिसूचना

महाराष्ट्र वन्य प्राण्यांमुळे झालेली हानी, इजा किंवा नुकसान यांकरिता नुकसानभरपाई प्रदान करणे अधिनियम, २०२३.

क्रमांक डब्ल्यूएलपी ०२.२३/प्र.क्र.५२(भाग-२)/फ-१. — महाराष्ट्र वन्य प्राण्यांमुळे झालेली हानी, इजा किंवा नुकसान यांकरिता नुकसान भरपाई प्रदान करणे अधिनियम, २०२३ (२०२३ चा महा. ३७) याच्या कलम ८ च्या पोट-कलम (१) द्वारे प्रदान केलेल्या अधिकारांचा वापर करून, महाराष्ट्र शासन, याद्वारे, पुढील नियम करित आहे :-

१. **संक्षिप्त नाव.**— या नियमांस, महाराष्ट्र वन्य प्राण्यांमुळे झालेली हानी, इजा किंवा नुकसान यांकरिता नुकसानभरपाई प्रदान करणे अधिनियम, २०२३, असे म्हणावे.

२. **व्याख्या.**— (१) — या नियमांत, संदर्भानुसार दुसरा अर्थ आवश्यक नसेल तर, —

(क) "अधिनियम" याचा अर्थ, महाराष्ट्र वन्य प्राण्यांमुळे झालेली हानी, इजा किंवा नुकसान यांकरिता नुकसानभरपाई प्रदान करणे अधिनियम, २०२३ (२०२३ चा महा. ३७), असा आहे;

(ख) "कुटुंब" याचा अर्थ, वळी पडलेल्या व्यक्तीची पत्नी, पती, मुले, आई किंवा वडील, असा आहे;

(ग) "नमुना" याचा अर्थ, या नियमांस जोडलेला नमुना, असा आहे.

(२) या नियमात वापरलेले, परंतु व्याख्या न केलेले शब्द व शब्दप्रयोग यांना, या अधिनियमान्वये अनुक्रमे जो अर्थ नेमून दिलेला आहे तोच अर्थ असेल.

महाराष्ट्र शासन राजपत्र असाधारण भाग चार-अ, फेब्रुवारी १, २०२४/माघ १२, शके १९४५

३. इतर प्रकारच्या इजा किंवा नुकसान.— अधिनियमाच्या कलम ३ च्या पोट-कलम (२) मध्ये तरतूद केलेल्या वन्य प्राण्यांच्या हल्ल्यामुळे झालेल्या इजांच्या किंवा नुकसानीच्या प्रकारांशिवाय, राज्य शासन, उक्त अधिनियमान्वये, वन्य प्राण्यांच्या हल्ल्यामुळे मानवाला झालेल्या किरकोळ इजांसाठी देखील नुकसानभरपाई प्रदान करील.

४. मंजूरी देणारा प्राधिकारी.— ज्या क्षेत्रामध्ये वन्य प्राण्यांच्या हल्ल्याची घटना घडली आहे त्या क्षेत्रावर अधिकारिता असणारा सहायक वनसंरक्षक हा, या अधिनियमाच्या प्रयोजनांसाठी मंजूरी देणारा प्राधिकारी असेल.

५. मानवी जीवितहानी व मानवास इजा झाल्यास, नुकसानभरपाई प्रदान करण्याची कार्यपद्धती :—

(१) मानवी जीवितहानी झाल्यास,—

(क) वन्य प्राण्यांच्या हल्ल्यामुळे मानवी जीवितहानी झाल्याबद्दलची सूचना, कोणत्याही व्यक्तीद्वारे, तात्काळ जवळच्या वनरक्षकाला लेखी स्वरूपात देण्यात येईल. अशी सूचना मिळाल्यानंतर, वनरक्षक, अशी घटना घडली आहे किंवा कसे याची खात्री करील आणि घटनेची माहिती गोळा करील आणि वस्तुस्थिती संबंधित वनपालास आणि वनक्षेत्रपालास तात्काळ कळवील.

(ख) अशा प्रकरणी, अधिनियमान्वये प्रदेय असलेल्या नुकसानभरपाईसाठी, मृत व्यक्तीच्या कायदेशीर वारसांद्वारे, अशा घटनेपासून अट्टेचाळीस तासांच्या आत, संबंधित वन क्षेत्रपालाकडे नमुना - एकमध्ये अर्ज करण्यात येईल.

(ग) वनक्षेत्रपाल, खंड (ख) खालील असा अर्ज प्राप्त झाल्यावर, घटनास्थळास भेट देईल आणि असा अर्ज मिळाल्याच्या दिनांकापासून तीन दिवसांच्या आत, आवश्यक ती चौकशी करील. वनक्षेत्रपाल, अशा चौकशीनंतर, पंचनामा करील.

(घ) अशा प्रकरणी, वैद्यकीय अधिकाऱ्याद्वारे शवविच्छेदन करण्यात येईल. वैद्यकीय अधिकारी, शवविच्छेदनानंतर, शवविच्छेदन अहवाल संबंधित अधिकाऱ्याकडे पाठवतील.

(२) मानवास कायमस्वरूपी दिव्यांगत्व आल्यास, मोठी किंवा किरकोळ इजा झाल्यास,—

(क) वन्य प्राण्यांच्या हल्ल्यामुळे मानवाला कायमस्वरूपी दिव्यांगत्व आल्यास, मोठी किंवा किरकोळ इजा झाल्यास, अधिनियमान्वये प्रदेय असलेल्या नुकसानभरपाईसाठी, जखमी व्यक्तीद्वारे स्वतः किंवा तिच्या कुटुंबातील इतर कोणत्याही व्यक्तीद्वारे, अशा घटनेपासून अट्टेचाळीस तासांच्या आत, ज्या क्षेत्रात असा हल्ला झाला आहे त्या क्षेत्रावर अधिकारिता असणाऱ्या वनक्षेत्रपालकडे, नमुना - एकमध्ये अर्ज करण्यात येईल. अर्जदार, अशा अर्जासोबत वैद्यकीय अधिकाऱ्याने तपासणी केलेल्या वळी पडलेल्या व्यक्तीच्या तपासणीचे वैद्यकीय प्रमाणपत्रदेखील सादर करील.

(ख) वनक्षेत्रपाल, खंड (क) खालील अर्ज प्राप्त झाल्यावर, घटनास्थळास भेट देण्यासाठी आणि असा अर्ज मिळाल्याच्या दिनांकापासून तीन दिवसांच्या आत, आवश्यक चौकशी करण्यासाठी वनपालास निदेश देईल. वनपाल, अशा चौकशीनंतर, पंचनामा करील. वनपाल, त्याचा अहवाल पंचनाम्यासह वनक्षेत्रपालास सादर करील.

(३) वनक्षेत्रपाल, वनपालाचा अहवाल प्राप्त झाल्यानंतर, त्याच्या विशिष्ट शिफारशीसह अर्ज, सर्व बाबतीत परिपूर्ण असलेल्या अर्ज प्राप्त झाल्यापासून वीस दिवसांच्या आत, सहायक वनसंरक्षकाकडे पाठवील.

(४) जर संबंधित व्यक्ती, वन्यजीव (संरक्षण) अधिनियम, १९७२ (१९७२ चा ५३) याच्या कोणत्याही तरतुदीचे किंवा त्याखालील केलेल्या कोणत्याही नियमांचे उल्लंघन करीत असताना, वन्य प्राण्यांच्या हल्ल्याची घटना घडली असेल तर, जखमी झालेली किंवा मृत व्यक्ती, कोणत्याही नुकसानभरपाईसाठी पात्र असणार नाही.

६. मानवी जीवितहानी झाल्यास नुकसानभरपाईचे प्रदान करणे.—

(१) मृत व्यक्ती प्रौढ असल्यास, नुकसानभरपाईची रक्कम पुढीलप्रमाणे असेल :—

(क) जर मृत व्यक्तीची पत्नी/पती जिवंत असेल तर, पत्नी/पती व मुले यांना समान हिस्सा देण्यात येईल;

(ख) जर पत्नी/ पती जिवंत नसेल तर,-

(एक) जर सर्व मुले सज्जन, असतील तर, मागे हयात असलेल्या सर्व मुलांमध्ये, नुकसानभरपाईचे समसमान विभाजन करण्यात येईल;

(दोन) जर मूल अज्ञान असेल तर, नुकसानभरपाईच्या रकमेतील त्याचा हिस्सा, असे अज्ञान मूल व संबंधित उपजिल्हाधिकारी यांच्या संयुक्त नावाने उघडलेल्या खात्यात जमा करण्यात येईल. जमा केलेली अशी नुकसानभरपाईची रक्कम, अशा अज्ञान मुलाचे वय अठरा वर्षे पूर्ण झाल्यानंतर, त्याला प्रदान करण्यात येईल.

(ग) जर मृत व्यक्तीची पत्नी/ पती आणि मुले जिवंत नसतील तर, नुकसानभरपाईची रक्कम, मृत व्यक्तीच्या आई-वडिलांना प्रदान करण्यात येईल.

(२) मृत व्यक्ती अज्ञान असल्यास, नुकसानभरपाईची रक्कम, पुढीलप्रमाणे असेल :-

(क) नुकसानभरपाईची रक्कम, मृत व्यक्तीच्या आई - वडिलांना प्रदान करण्यात येईल;

(ख) जर आई-वडील जिवंत नसतील तर, मृत व्यक्तीच्या भावंडांना समान रक्कम देण्यात येईल. जर भावंडे अल्पवयीन असतील तर, पोट-नियम (१) च्या खंड (ख) च्या उप-खंड (२) च्या तरतुदी, योग्य त्या फेरफार्यांसह, लागू होतील.

(३) जर मृत व्यक्तीच्या कायदेशीर वारसांच्या बाबतीत, कोणताही वाद उद्भवला तर, उत्तराधिकार प्रमाणपत्र सादर केल्यानंतरच केवळ नुकसानभरपाईची रक्कम प्रदान करण्यात येईल.

(४) नुकसानभरपाईची चाळीस टक्के रक्कम, मंजुरी देणाऱ्या प्राधिकाऱ्याने, ती ज्या व्यक्तीला मंजूर केलेली आहे त्या व्यक्तीच्या खात्यात जमा करण्यात येईल आणि नुकसानभरपाईची साठ टक्के रक्कम, अशा व्यक्तीच्या मासिक व्याज मिळणाऱ्या मुदत ठेव खात्यात दहा वर्षांसाठी जमा करण्यात येईल. दहा वर्षांनंतर, मुदत ठेवीची मुदत समाप्त झाल्यावर, अशा खात्यातील रक्कम त्या व्यक्तीला प्रदान करण्यात येईल.

(५) वडी पडलेल्या कुटुंबातील सदस्याचा गंभीर आजार, शैक्षणिक प्रयोजन व विवाह यासाठी, मंजुरी देणाऱ्या प्राधिकाऱ्याच्या पूर्वं परवानगीने, मुदत ठेवीतील रक्कम, काढता येऊ शकेल.

७. पशु जीवांची हानी किंवा पशुंना इजा पोहचल्यास, नुकसानभरपाई प्रदान करण्याची कार्यपद्धती,-

(१) पशु जीवांची हानी झाल्यास किंवा पशुंना इजा पोहचल्यास, पशुंचा मालक, नुकसानभरपाईचा दावा करण्यासाठी त्या क्षेत्रावर अधिकारिता असणाऱ्या संबंधित वनक्षेत्रपालाकडे, अट्टेचाळीस तासांच्या आत, नमुना- दोनमध्ये अर्ज करील.

(२) पशुंचा मालक, तो किंवा कोणतीही व्यक्ती, वनपालाकडून निरीक्षण करण्यात येईपर्यंत, अशा पशुचे शव घटनास्थळावरून हलविले जाणार नाही याची काळजी घेईल, अन्यथा, तो नुकसानभरपाईसाठी पात्र असणार नाही.

(३) वनक्षेत्रपाल, खंड (क) खालील अर्ज प्राप्त झाल्यावर, घटनास्थळास भेट देण्यासाठी आणि असा अर्ज प्राप्त झाल्याच्या दिनांकापासून तीन दिवसांच्या आत, आवश्यक ती चौकशी करण्यासाठी संबंधित वनपालास निदेश देईल. वनपाल, अशा चौकशीनंतर, पंचनामा करील.

(४) वनपाल मृत झालेल्या किंवा जखमी झालेल्या पशुची, शासकीय पशुवैद्यकीय अधिकाऱ्याकडून तपासणी करून घेईल. शासकीय पशुवैद्यकीय अधिकारी, मृत झालेल्या किंवा जखमी झालेल्या पशुची तपासणी केल्यानंतर, पशुचा मृत्यू किंवा इजा, वन्य प्राण्यामुळे झाली आहे किंवा नाही याची विशिष्ट निरीक्षणे नोंदविल्यावर, वनपालाला वैद्यकीय प्रमाणपत्र देईल. वनपाल, पंचनाम्यासह त्याचा अहवाल आणि असे वैद्यकीय प्रमाणपत्र वनक्षेत्रपालास सादर करील.

(५) वनक्षेत्रपाल, वनपालाचा अहवाल प्राप्त झाल्यानंतर, पशुच्या बाजार मूल्याचे मूल्यानिर्धारण करील. वनक्षेत्रपाल, असा अर्ज व त्याच्या विशिष्ट शिफारशीसह आवश्यक असलेले सर्व दस्तऐवज, सर्व बाबतीत परिपूर्ण असलेला अर्ज प्राप्त झाल्यापासून वीस दिवसांच्या आत, सहायक वनसंरक्षकास पाठवावीत.

(६) जेथे पशुंना प्रवेश करण्यास प्रतिबंध आहे अशा राष्ट्रीय उद्यानाच्या किंवा अभयारण्याच्या कोणत्याही क्षेत्रात अशा

महाराष्ट्र शासन राजपत्र असाधारण भाग चार-अ, फेब्रुवारी १, २०१४/माघ १२, शके १९४५

पशुने प्रवेश केला असेल आणि अशा क्षेत्रातील वन्य प्राण्याने पशुला ठार मारले असेल तर, अर्जदार, या अधिनियमाखालील नुकसानभरपाईसाठी पात्र असणार नाही.

(७) जर, कोणत्याही वन्य प्राण्याचा, घटनेच्या ठिकाणापासून दहा किलोमीटरच्या परिधात, विषबाधेमुळे सहा दिवसांच्या आत मृत्यू झाला असेल तर, अशा पशुचा मालक, या अधिनियमान्वये नुकसानभरपाई मिळण्यास पात्र असणार नाही.

८. पिकांचे व फळझाडांचे नुकसान झाल्यास किंवा मालमत्तेचे नुकसान झाल्यास नुकसानभरपाईचे प्रदान करण्याची कार्यपद्धती.—

(१) पिकांचे किंवा फळझाडांचे नुकसान झाल्यास, मालक, या अधिनियमान्वये प्रदेश असलेली नुकसानभरपाई मिळण्यासाठी, जेथे असा हल्ला झाला असेल त्या क्षेत्रावर अधिकारिता असणाऱ्या संबंधित वनक्षेत्रपालाकडे, बहात्तर तासांच्या आत, नमुना - तीनमध्ये अर्ज करील.

(२) पिकांचे किंवा फळझाडांचे नुकसान झाल्यास, त्या क्षेत्राचा वनरक्षक, कृषी सहायक व तलाठी यांचा समावेश असलेली समिती, संयुक्तपणे शेताची पाहणी करील आणि वन्य प्राण्यामुळे झालेल्या नुकसानीचे मूल्यनिर्धारण करील आणि अहवाल तयार करील आणि अर्ज मिळाल्याच्या तारखेपासून दहा दिवसांच्या आत, अहवाल, वनक्षेत्रपालास सादर करील.

(३) जंगली हत्तीमुळे मालमत्तेचे नुकसान झाल्यास, मालक, या अधिनियमान्वये प्रदेश असलेली नुकसानभरपाई मिळण्यासाठी, जेथे असा हल्ला झाला असेल त्या क्षेत्रावर अधिकारिता असणाऱ्या संबंधित वनक्षेत्रपालाकडे, बहात्तर तासांच्या आत, नमुना- तीनमध्ये अर्ज करील.

(४) जंगली हत्तीमुळे मालमत्तेचे नुकसान झाल्यास, त्या क्षेत्राचा वनक्षेत्रपाल, सार्वजनिक बांधकाम विभागाचा कनिष्ठ अभियंता व तलाठी किंवा ग्रामसेवक यांचा समावेश असलेली समिती, नुकसानीची पाहणी करील व मूल्यनिर्धारण करील आणि अर्ज मिळाल्याच्या तारखेपासून दहा दिवसांच्या आत, पंचनामा करील. अशा घटनेत, समितीकडून पंचनामा व नुकसानीचे मूल्यनिर्धारण पूर्ण होईपर्यंत, अर्जदार, कोणतीही गोष्ट हलविणार किंवा घटनास्थळाचे चित्र बदलणार नाही किंवा दुरुस्तीचे कोणतेही काम करणार नाही.

(५) वनक्षेत्रपाल, पोट-नियम (३), व यथास्थिति, पोट-नियम (४) मध्ये निर्दिष्ट केलेल्या समितीचा अहवाल प्राप्त झाल्यानंतर, अर्ज व अशा समितीचा अहवाल त्याच्या विशिष्ट शिफारशीसह, तात्काळ, सहायक वनसंरक्षकांकडे पाठवील.

(६) पुढील प्रकरणी नुकसानभरपाई प्रदेश असणार नाही :-

(क) जर लागवडीखालील जमीन ही, वन जमिनीवरील नियमित न केलेले अतिक्रमण असेल तर;

(ख) जमिनीच्या मालकाने किंवा लागवडदाराने, घटनेच्या दिनांकापासून गेल्या तीन वर्षांमध्ये भारतीय वन अधिनियम, १९२७ (१९२७ चा १६) किंवा वन्य जीव (संरक्षण) अधिनियम, १९७२ (१९७२ चा ५३) या खालील कोणताही अपराध केलेला असेल तर.

९. व्याज दर.— जर नुकसानभरपाईचे प्रदान करण्यास, वनक्षेत्रपालास, सर्व बाबतीत परिपूर्ण असलेला अर्ज मिळाल्याच्या दिनांकापासून तीस दिवसांपेक्षा अधिक विलंब झाला असेल तर, नुकसानभरपाईच्या रकमेसह, नुकसानभरपाईच्या रकमेवर दर साल सहा टक्के दराने व्याज प्रदेश असेल.

नमुना एक
(नियम ५ पहा)

मानवी जीवितहानी, कायमस्वरूपी दिव्यांगत्व, मानवास मोठी किंवा किरकोळ इजा झाल्यास
नुकसानभरपाईचा दावा करण्यासाठी अर्ज

प्रति,

वनक्षेत्रपाल,-----

१. अर्जदाराचे पूर्ण नाव :
२. पत्ता :
३. बळी पडलेल्या व्यक्तीशी असलेले नाते संबंध:
४. मोबाईल क्रमांक :
५. आधार क्रमांक* :
६. लिंग :
७. वय :
८. वैवाहिक स्थिती* :
९. मानवी जीवितहानी झाल्यास, कायदेशीर वारसांचे नाव (नावे):
१०. बँक खात्याचा तपशील* :
 - (क) खातेधारकाचे नाव :
 - (ख) खाते क्रमांक :
 - (ग) बँकेचे नाव :
 - (घ) आयएफएससी कोड :
११. इजेचा प्रकार (जे लागू नसेल ते खोडा)
 - (क) मानवी जीवितहानी :
 - (ख) मानवास आलेले कायमस्वरूपी दिव्यांगत्व :
 - (ग) मानवास झालेली मोठी इजा :
 - (घ) मानवास झालेली किरकोळ इजा :
१२. घटनेचा तपशील:
 - (क) घटनेचे ठिकाण :
 - (एक) गाव :
 - (दोन) तालुका :
 - (तीन) जिल्हा :
 - (ख) घटनेचा दिनांक व वेळ :
 - (ग) ज्यामुळे मृत्यू किंवा इजा झाली आहे तो वन्य प्राणी :
 - (घ) इतर कोणतीही संबंधित माहिती :

अर्जदाराची स्वाक्षरी.

*संबंधित दस्तऐवज सादर करणे आवश्यक आहे.

नमुना दोन

[नियम ७(१) पहा]

पशु जीवांची हानी किंवा पशुंना इजा पोहचल्यास, नुकसानभरपाईचा दावा करण्यासाठी अर्ज

प्रति,

वनक्षेत्रपाल,-----

१. अर्जदाराचे पूर्ण नाव :
२. पत्ता :
३. मोबाईल क्रमांक :
४. आधार क्रमांक* :
५. लिंग :
६. वय :
७. वैक खात्याचा तपशील* :
 - (क) खातेधारकाचे नाव :
 - (ख) खाते क्रमांक :
 - (ग) वैकचे नाव :
 - (घ) आयएफएससी कोड :
८. हानीचा/ इजेचा प्रकार (जे लागू नसेल ते खोडा)
 - (क) पशु जीवांची हानी :
 - (ख) पशुंना पोहचलेली इजा :
९. घटनेचा तपशील :
 - (क) घटनेचे ठिकाण :
 - (एक) गाव :
 - (दोन) तालुका :
 - (तीन) जिल्हा :
 - (ख) घटनेचा दिनांक व वेळ :
 - (ग) पशुंचा प्रकार व संख्या :
 - (घ) ज्यामुळे इजा झाली आहे तो वन्य प्राणी :
 - (ङ) इतर कोणतीही संबंधित माहिती :

अर्जदाराची स्वाक्षरी.

*संबंधित दस्तऐवज सादर करणे आवश्यक आहे.

नमुना तीन

(नियम ८ प्रहा)

जंगली हत्तीमुळे पिकांचे व फळ झाडांचे किंवा मालमत्तेचे नुकसान झाल्यास, नुकसानभरपाईचा दावा करण्यासाठी अर्ज प्रति,

वनक्षेत्रपाल,-----

१. अर्जदाराचे पूर्ण नाव :
२. पत्ता :
३. मोबाईल क्रमांक :
४. आधार क्रमांक* :
५. लिंग :
६. वय :
७. बँक खात्याचा तपशील* :
 - (क) खातेधारकाचे नाव :
 - (ख) खाते क्रमांक :
 - (ग) बँकचे नाव :
 - (घ) आयएफएससी कोड
८. नुकसानीचा प्रकार (जे लागू नसेल ते खोडा)
 - (क) पिकांचे किंवा फळ झाडांचे नुकसान :
किंवा
(क) जंगली हत्तीमुळे झालेले मालमत्तेचे नुकसान :
९. घटनेचा तपशील :
 - (क) जमिनीचा तपशील* :
 - (एक) गाव :
 - (दोन) तालुका :
 - (तीन) जिल्हा :

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महाराष्ट्र शासन राजपत्र असाधारण भाग चार-अ, फेब्रुवारी १, २०२४/माघ १२, शके १९४५

(ख) घटनेचा दिनांक :

(ग) पिकांचा/ फळझाडांचा प्रकार व फळझाडांचे वय :

किंवा

(ग) मालमत्तेचा तपशील :

(घ) इतर कोणतीही संबंधित माहिती :

अर्जदाराची स्वाक्षरी.

*संबंधित दस्तऐवज सादर करणे आवश्यक आहे.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नावाने,

बी. वेणुगोपाल रेड्डी,

शासनाचे प्रधान सचिव,

REVENUE AND FOREST DEPARTMENT

Madam Cama Marg, Hutatma Rajguru Chowk, Mantralaya,
Mumbai 400 032, Dated the 30th January, 2024.

NOTIFICATION

MAHARASHTRA PAYMENT OF COMPENSATION FOR LOSS, INJURY OR DAMAGE CAUSED BY WILD ANIMALS ACT, 2023.

No. WLP-02.23/CR.52(Part-II)/F-1.- In exercise of the powers conferred by sub-section (1) of section 8 of the Maharashtra Payment of Compensation for Loss, Injury or Damage Caused by Wild Animals Act, 2023 (Mah. XXXVII of 2023), the Government of Maharashtra hereby makes the following rules, namely :-

1. *Short title.*- These rules may be called the Maharashtra Payment of Compensation for Loss, Injury or Damage Caused by Wild Animals Rules, 2023.

2. *Definitions.*- (1) In these rules, unless the context otherwise requires,-

(a) "Act" means the Maharashtra Payment of Compensation for Loss, Injury or Damage Caused by Wild Animals Act, 2023 (Mah. XXXVII of 2023);

(b) "Family" means wife, husband, children, mother or father of a victim;

(c) "Form" means the Form appended to these rules.

(2) Words and expressions used but not defined in these rules shall have the same meanings as are respectively assigned to them under the Act.

3. *Other types of injuries or damages.*- In addition to types of injuries or damages caused due to attack of wild animal provided in sub-section (2) of section 3 of the Act, the State Government shall also pay compensation under the said Act for minor injury to humans caused due to attack of wild animal.

4. *Sanctioning Authority.*- The Assistant Conservator of Forest having jurisdiction over the area where incident of attack of wild animal has occurred shall be the Sanctioning Authority for the purposes of the this Act.

5. *Procedure for payment of compensation in case of loss of human life and injury to humans.*-

(1) *In case of loss of human life.*-

(a) An intimation about the loss of human life due to attack of wild animal shall be given immediately in writing by any person to the nearest Forest Guard. After receipt of such intimation, the Forest Guard shall confirm whether such incident has occurred and gather information of the incident and report the facts to the concerned Forester and Range Forest Officer immediately.

(b) In such cases an application for compensation payable under the Act shall be made by the legal heirs of the deceased to the concerned Range Forest Officer in Form I within forty-eight hours of such incident.

(c) The Range Forest Officer, on receipt of such application under clause (b) shall visit the spot of incident and conduct necessary inquiry within three days from the date of receipt of such application. The Range Forest Officer shall make a *Panchnama* after such inquiry.

(d) In such cases, the post mortem shall be carried out by the Medical Officer. The Medical Officer shall after the post mortem, forward a post mortem report to the concerned officer.

(2) *In case of permanent disability, major or minor injury to humans.—*

(a) In case of permanent disability, major or minor injury to humans caused due to attack of wild animal, an application for the compensation payable under the Act shall be made in Form I, by the injured person himself or any other person from his family to the Range Forest Officer having jurisdiction over the area where such attack has occurred, within forty-eight hours of such incident. The applicant shall also submit alongwith such application a medical certificate of examination of the victim conducted by the Medical Officer.

(b) The Range Forest Officer shall, on receipt of an application under clause (a), direct the Forester to visit the spot and conduct necessary inquiry within three days from the date of receipt of such application. The Forester shall draw a *Panchnama* after such inquiry. The Forester shall submit his report alongwith a *Panchnama* to the Range Forest Officer.

(3) The Range Forest Officer shall, after receipt of the report of the Forester, forward the application alongwith his specific recommendation to the Assistant Conservator of Forest within twenty days of the receipt of application complete in all respects.

(4) The injured or deceased person shall not be eligible for receipt of any compensation if the incident of attack by wild animal has taken place while the concerned person is contravening any of the provisions of the Wild Life (Protection) Act 1972 (53 of 1972) or any rules made thereunder.

6. *Payment of compensation in case of loss of human life.—*

(1) In case the deceased is an adult, the payment of compensation shall be as follows, namely :—

(a) If the spouse of the deceased is alive, the spouse and children shall be given equal share.

(b) If the spouse is not alive,—

(i) the compensation shall be equally divided amongst all the surviving children if all are major;

(ii) if the child is minor, then his share of the amount of compensation shall be deposited into an account opened in the joint name of such minor and the concerned Deputy Collector. Such deposited amount of compensation shall be paid to such minor child after he attains the age of eighteen years.

(c) If the spouse and children of the deceased are not alive, the amount of compensation shall be paid to the parents of the deceased.

(2) In case the deceased is a minor, the payment of compensation shall be as follows, namely :—

(a) the amount of compensation shall be paid to the parents of the deceased.

(b) if the parents are not alive, the siblings of the deceased shall be given equal amount. If the siblings are minor, then the provisions of sub-clause (ii) of clause (b) of sub-rule (1) shall, *mutatis mutandis* apply.

(3) If any dispute arises in respect of the legal heirs of the deceased, the amount of compensation shall be paid only after submitting the succession certificate.

(4) The forty per cent. of the compensation amount shall be deposited in the account of the person to whom it is awarded by the Sanctioning Authority and sixty per cent. of the compensation amount shall be deposited in monthly interest bearing fixed deposit account of such person for ten years. After ten years on maturity of fixed deposit, the amount in such account shall be paid to such person.

(5) The amount in the fixed deposit may be withdrawn with prior approval of the Sanctioning Authority for critical illness, educational purposes and marriage of member of the family of the victim.

7. *Procedure for payment of compensation in case of loss of cattle life or injury to cattle.*—

(1) In case of loss of cattle life or injury to cattle, the owner of the cattle shall make an application within forty-eight hours in Form II for claiming compensation to the concerned Range Forest Officer having jurisdiction over the area.

(2) The owner of the cattle shall take care that he or any person shall not move the carcass of the cattle from the spot of the incident till inspection is carried out by Forester, otherwise he shall not be eligible for compensation.

(3) The Range Forest Officer shall, on receipt of an application under clause (a), direct the concerned Forester to visit the spot and conduct necessary inquiry within three days from the date of receipt of such application. The Forester shall draw a *Panchnama* after such inquiry.

(4) The Forester shall get the deceased or injured cattle examined by the Government Veterinary Officer. The Government Veterinary Officer shall, after examination of the deceased or injured cattle, give Medical Certificate to the Forester after recording specific observations whether death or injury of cattle is caused by wild animal or not. The Forester shall submit his report alongwith a *Panchnama* and such Medical Certificate to the Range Forest Officer.

(5) The Range Forest Officer shall, after receipt of report of the Forester, assess the market value of the cattle. The Range Forest Officer shall forward the application and all necessary documents alongwith his specific recommendations to the Assistant Conservator of Forests within twenty days of receipt of application complete in all respects.

(6) If the cattle has entered any area of the National Park or Sanctuary where entry of such cattle is prohibited and is killed by wild animal in such area, then the applicant shall not be eligible for compensation under the Act.

(7) If any wild animal dies due to poisoning within six days from the date of incident in the radius of ten kilometers from the place of incident, then the cattle owner of such animal shall not be eligible for receipt of the compensation under the Act.

8. *Procedure for payment of compensation in case of damage to crops and fruit plants or damage to property.*—

(1) In case of damage to the crops or fruit plants, the owner shall make an application within seventy-two hours in Form III for compensation payable under the Act to the concerned Range Forest Officer having jurisdiction over the area where such attack has occurred.

(2) In case of damage to crops or fruit plants, the Committee comprising of Forest Guard, Agriculture Assistant and Talathi of the area shall jointly inspect the farm and assess the quantum of damage due to wild animal and prepare a report and submit it to the Range Forest Officer within ten days from the date of receipt of an application.

(3) In case of damage to the property by wild elephant, the owner shall make an application within seventy-two hours in Form III for compensation payable under the Act to the concerned Range Forest Officer having jurisdiction over the area where such attack has occurred.

(4) In case of damage to property by wild elephant, the Committee comprising of the Range Forest Officer, Junior Engineer of Public Works Department and Talathi or Gramsevak of that area shall inspect and assess the damage and draw a *Panchnama* within ten days from the date of receipt of an application. In such incident, the applicant shall not remove anything or modify the scene of incident or carry out any work of repair till the *Panchnama* and assessment of damage is completed by the Committee.

(5) The Range Forest Officer shall, after receipt of report of the Committee referred in sub-rules (3) and (4), as the case may be, immediately forward the application and report of such Committee alongwith his specific recommendations to the Assistant Conservator of Forest.

(6) The compensation shall not be payable in respect of the following cases, namely :-

(a) if the cultivation land is an un-regularized encroachment on forest land;

(b) if the owner of the land or cultivator has committed any offence under the Indian Forest Act, 1927 (16 of 1927) or the Wild Life (Protection) Act, 1972 (53 of 1972) within last three years from the date of incident.

9. *Rate of Interest.*— If the payment of compensation is delayed beyond thirty days from the date of receipt of application complete in all respects by the Range Forest Officer, interest at the rate of six per cent. per annum of amount of compensation shall be payable along with amount of compensation.

FORM I

(See rule 5)

APPLICATION FOR CLAIMING COMPENSATION IN CASE OF LOSS OF HUMAN LIFE, PERMANENT DISABILITY, MAJOR OR MINOR INJURY TO HUMANS

To

The Range Forest Officer, _____

1. Full name of the applicant :
2. Address :
3. Relationship with the victim :
4. Mobile No. :
5. Aadhaar No.* :
6. Gender :
7. Age :
8. Marital Status* :
9. Name(s) of legal heirs in case of loss of human life:
10. Details of the Bank Account* :
 - (a) Account Holder's Name :
 - (b) Account Number :
 - (c) Name of the Bank :
 - (d) IFSC Code :
11. Type of Injury (Strike out whatever not applicable)
 - (a) Loss of human life :
 - (b) Permanent disability to humans:
 - (c) Major injury to humans:
 - (d) Minor injury to humans:
12. Details of the Incident :
 - (a) Location of the incident :
 - (i) Village :
 - (ii) Taluka :
 - (iii) District :
 - (b) Date and time of the incident :
 - (c) Wild animal due to which death or injury is caused :
 - (d) Any other relevant information :

Signature of Applicant.

*Relevant documents need to be submitted.

FORM II

[See rule 7(I)]

APPLICATION FOR CLAIMING COMPENSATION IN CASE OF LOSS OF CATTLE
LIFE OR INJURY TO CATTLE

To

The Range Forest Officer, _____

1. Full name of the applicant :
2. Address :
3. Mobile No. :
4. Aadhaar No.* :
5. Gender :
6. Age :
7. Details of the Bank Account* :
 - (a) Account Holder's Name :
 - (b) Account Number :
 - (c) Name of the Bank :
 - (d) IFSC Code :
8. Type of Loss / Injury (Strike out whatever not applicable)
 - (a) Loss of cattle life :
 - (b) Injury to cattle :
9. Details of the Incident :
 - (a) Location of the incident :
 - (i) Village :
 - (ii) Taluka :
 - (iii) District :
 - (b) Date and time of the incident :
 - (c) Type and number of cattle :
 - (d) Wild animal due to which injury is caused :
 - (e) Any other relevant information :

Signature of Applicant.

*Relevant documents need to be submitted.

FORM III

(See rule 8)

**APPLICATION FOR CLAIMING COMPENSATION IN CASE OF DAMAGE TO CROPS
AND FRUIT PLANTS OR PROPERTY BY WILD ELEPHANTS**

To

The Range Forest Officer, _____

1. Full name of the applicant :
2. Address :
3. Mobile No. :
4. Aadhaar No.* :
5. Gender :
6. Age :
7. Details of the Bank Account* :
 - (a) Account Holder's Name :
 - (b) Account Number :
 - (c) Name of the Bank :
 - (d) IFSC Code :
8. Type of Damage (Strike out whatever not applicable)
 - (a) damage to crops, fruit plants
 - or
 - (a) damage to property due to wild elephant
9. Details of the Incident :
 - (a) Land details* :
 - (i) Village :
 - (ii) Taluka :
 - (iii) District :
 - (b) Date of the incident :
 - (c) Type of crop / fruit plants and age of fruit plants :
or
 - (c) Details of property:
 - (d) Any other relevant information :

Signature of Applicant.

*Relevant documents need to be submitted.

By order and in the name of the Governor of Maharashtra,

B. VENUGOPAL REDDY,
Principal Secretary to Government.

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सत्यमेव जयते

महाराष्ट्र शासन राजपत्र असाधारण भाग चार-अ

वर्ष १०, अंक १६(३)]

गुरुवार, फेब्रुवारी १, २०२४/माघ १२, शके १९४५

[पृष्ठ ९, किंमत: रुपये १५.००]

असाधारण क्रमांक २१

प्राधिकृत प्रकाशन

महाराष्ट्र शासनाने केंद्रीय अधिनियमान्वये तयार केलेले
(भाग एक, एक-अ आणि एक-ल यांमध्ये प्रसिद्ध केलेले नियम व आदेश यांव्यतिरिक्त) नियम व आदेश.

महसूल व वन विभाग

मंत्रालय, मादाम कामा मार्ग, हुतात्मा राजगुरू चौक,
मुंबई ४०० ०३२, दिनांक ३० जानेवारी, २०२४.

अधिसूचना

महाराष्ट्र वन्य प्राण्यांमुळे झालेली हानी, इजा किंवा नुकसान यांकरिता नुकसानभरपाई प्रदान करणे अधिनियम, २०२३.

क्रमांक डब्ल्यूएलपी ०२.२३/प्र.क्र.५२(भाग-३)/फ-१.—महाराष्ट्र वन्य प्राण्यांमुळे झालेली हानी, इजा किंवा नुकसान यांकरिता नुकसानभरपाई प्रदान करणे अधिनियम, २०२३ (२०२३ चा महा.३७) यांच्या कलम ३ च्या पोट-कलम (१) द्वारे प्रदान केलेल्या अधिकारांचा वापर करून, महाराष्ट्र शासन, याद्वारे, वन्य प्राण्यांमुळे, मानव व पशू यांची जीवितहानी किंवा त्यांना इजा पोहोचवणे अथवा पिकांचे, फळझाडांचे किंवा मालमत्तेचे नुकसान होणे यांकरिता उक्त अधिनियमान्वये प्रदेय असलेल्या नुकसानभरपाईचे दर, याद्वारे, पुढीलप्रमाणे विनिर्दिष्ट करण्यात येत आहेत :-

१. वाघ, बिबट्या, अस्वल, रानगवा, रानडुक्कर, लांडगा, तरस, कोल्हा, मगर, हत्ती, जंगली कुत्रा, हरिण, नीलगाय, माकड किंवा वानर यांच्या हल्ल्यामुळे झालेली मानवी जीवितहानी किंवा मानवाला झालेली कोणतीही इजा यांकरिता प्रदेश असलेल्या नुकसानभरपाईचा दर पुढीलप्रमाणे असेल :-

तक्ता

अ. क्र.	इजेचा प्रकार	नुकसानभरपाईचा दर
(१)	(२)	(३)
(१)	मानवी जीवितहानी.	रुपये पंचवीस लाख.
(२)	मानवास आलेले कायमस्वरूपी दिव्यांगत्व.	रुपये सात लाख पन्नास हजार.
(३)	मानवाला झालेली गंभीर इजा.	रुपये पाच लाख.
(४)	मानवाला झालेली फिरकोळ इजा.	खाजगी रुग्णालयात उपचार करण्यात आल्यास, उपचाराचा खर्च किंवा फक्त पन्नास हजार रुपये, यांपैकी जी कमी असेल तितकी.

२. वाघ, बिबट्या, अस्वल, रानगवा, रानडुक्कर, लांडगा, तरस, कोल्हा, मगर, हत्ती किंवा जंगली कुत्रा यांच्या हल्ल्यामुळे झालेली पशू जीवांची हानी किंवा त्यांना पोहचलेली इजा यांकरिता प्रदेश असलेल्या नुकसानभरपाईचा दर पुढीलप्रमाणे असेल :-

तक्ता

अ. क्र.	पशुधनाचा प्रकार (पालीव प्राणी)	नुकसानभरपाईचा दर
(१)	(२)	(३)
(१)	गाय, म्हैस किंवा बैल यांची जीवित हानी.	पशुंच्या वाजार किंमतीच्या पंच्याहत्तर टक्के किंवा फक्त सत्तर हजार रुपये, यांपैकी जी कमी असेल तितकी.
(२)	मेंढ्यांची, शेळ्यांची किंवा वन्य जीव (संरक्षण) अधिनियम, १९७२ (१९७२ चा ५३) याच्या कलम २ च्या खंड (१८क) मध्ये व्याख्या केलेल्या इतर पशुधनाची जीवित हानी.	पशुंच्या वाजार किंमतीच्या पंच्याहत्तर टक्के किंवा फक्त पंधरा हजार रुपये, यांपैकी जी कमी असेल तितकी.
(३)	गाय, म्हैस किंवा बैल यांना कायमस्वरूपी आलेली विकलांगता.	पशुंच्या वाजार किंमतीच्या पन्नास टक्के किंवा फक्त पंधरा हजार रुपये, यांपैकी जी कमी असेल तितकी.
(४)	गाय, म्हैस, बैल, मेंढी, शेळी किंवा इतर पशुधनास झालेली इजा.	जखमी झालेल्या पशुंच्या उपचारासाठी केलेला वैद्यकीय खर्च प्रदान करण्यात येईल. जखमी पशुचा उपचार, शासकीय किंवा जिल्हा परिषदेच्या पशुचिकित्सालयात करण्यात येईल. प्रदेश असलेली रक्कम, पशुंच्या वाजार किंमतीच्या पंचवीस टक्के, किंवा फक्त पाच हजार रुपये, यांपैकी जी कमी असेल तितकी, या मर्यादित असेल.

३. रानडुक्कर, हरिण, रानगवा, नीलगाय, माकड, वानर किंवा हत्ती यांच्या हल्ल्यामुळे पिकांच्या झालेल्या नुकसानीकरिता प्रदेश असलेल्या नुकसानभरपाईचा दर, पुढीलप्रमाणे असेल :-

तक्ता

अ. क्र. (१)	नुकसानीचा तपशील. (२)	नुकसानभरपाईचा दर. (३)
(१)	शेतपिकाचे नुकसान रु.२०,००० पर्यंत झाल्यास	पूर्ण किंमत परंतु किमान रु. २,०००
(२)	शेतपिकाचे नुकसान रु.२०,००० पेक्षा जास्त झाल्यास	रु.२०,००० अधिक रु.२०,००० चे वरील नुकसानीचे ८०% रकम (रु.५०,००० चे कमाल मर्यादित)
(३)	ऊस पिकाचे नुकसान	रु.१,६०० प्रती हेक्टर प्रमाणे (रु.५०,००० चे मर्यादित)

४. रानडुक्कर, हरिण, रानगवा, नीलगाय, माकड, वानर किंवा हत्ती यांच्या हल्ल्यामुळे फळ झाडांच्या झालेल्या नुकसानीकरिता प्रदेश असलेल्या नुकसानभरपाईचा दर, पुढीलप्रमाणे असेल :-

तक्ता

अ. क्र. (१)	झाडाची जात व वय (२)	प्रति झाड नुकसानभरपाईचा दर. (३)
(१)	नारळाचे झाड,- (एक) एक वर्षापर्यंत, (दोन) एक वर्षावरील व दोन वर्षापर्यंत, (तीन) दोन वर्षावरील व तीन वर्षापर्यंत, (चार) तीन वर्षावरील व चार वर्षापर्यंत, (पाच) चार वर्षावरील व पाच वर्षापर्यंत, (सहा) पाच वर्षावरील.	फक्त रुपये पाचशे. फक्त रुपये एक हजार. फक्त रुपये तीन हजार. फक्त रुपये पाच हजार. फक्त रुपये सात हजार पाचशे. फक्त रुपये नऊ हजार पाचशे.
(२)	नागवेल,- (एक) एक वर्षापर्यंत, (दोन) एक वर्षावरील व दोन वर्षापर्यंत, (तीन) दोन वर्षावरील व तीन वर्षापर्यंत, (चार) तीन वर्षावरील व चार वर्षापर्यंत, (पाच) चार वर्षावरील व पाच वर्षापर्यंत, (सहा) पाच वर्षावरील.	फक्त रुपये पाचशे. फक्त रुपये पाचशे. फक्त रुपये दोन हजार. फक्त रुपये दोन हजार पाचशे. फक्त रुपये तीन हजार पाचशे. फक्त रुपये पाच हजार पाचशे.
(३)	केळीचे झाड,-	प्रति रोपटे फक्त रुपये दोनशे चाळीस.
(४)	कलम केलेले आंब्याचे झाड,- (एक) एक वर्षापर्यंत, (दोन) एक वर्षावरील व दोन वर्षापर्यंत, (तीन) दोन वर्षावरील व तीन वर्षापर्यंत, (चार) तीन वर्षावरील व चार वर्षापर्यंत, (पाच) चार वर्षावरील व पाच वर्षापर्यंत.	फक्त रुपये पाचशे. फक्त रुपये एक हजार पाचशे. फक्त रुपये तीन हजार. फक्त रुपये पाच हजार. फक्त रुपये सहा हजार.

	(सहा) पाच वर्षांवरील.	फक्त रुपये सात हजार.
(५)	संत्री व मोसवी, -	
	(एक) एक वर्षापर्यंत,	फक्त रुपये पाचशे.
	(दोन) एक वर्षांवरील व दोन वर्षापर्यंत,	फक्त रुपये एक हजार.
	(तीन) दोन वर्षांवरील व तीन वर्षापर्यंत,	फक्त रुपये दोन हजार पाचशे.
	(चार) तीन वर्षांवरील व चार वर्षापर्यंत,	फक्त रुपये तीन हजार.
	(पाच) चार वर्षांवरील व पाच वर्षापर्यंत,	फक्त रुपये तीन हजार पाचशे.
	(सहा) पाच वर्षांवरील.	फक्त रुपये चार हजार पाचशे.
(६)	इतर फळ झाडे, -	
	(एक) एक वर्षापर्यंत,	फक्त रुपये दोनशे.
	(दोन) एक वर्षांवरील व दोन वर्षापर्यंत,	फक्त रुपये तीनशे.
	(तीन) दोन वर्षांवरील व तीन वर्षापर्यंत,	फक्त रुपये पाचशे.
	(चार) तीन वर्षांवरील व चार वर्षापर्यंत,	फक्त रुपये सहाशे.
	(पाच) चार वर्षांवरील व पाच वर्षापर्यंत,	फक्त रुपये सातशे.
	(सहा) पाच वर्षांवरील.	फक्त रुपये एक हजार.

५. गिधाडांच्या हल्ल्यामुळे झालेल्या नारळाच्या नुकसानीकरिता प्रदेय असलेल्या नुकसानभरपाईचा दर पुढीलप्रमाणे असेल :-

तक्ता

अ. क्र.	फळाचे नाव	नुकसानभरपाईचा दर
(१)	(२)	(३)
(१)	नारळ.	प्रति झाड, प्रति वर्ष, चारशे रुपयांच्या कमाल मर्यादेच्या अधीन राहून, प्रत्येक नारळासाठी सात रुपये. नुकसानभरपाई देण्यासाठी नारळाची संख्या, मागील वर्षातील प्रत्येक झाडाच्या उत्पादकतेतील फरक आणि गिधाडांनी जेथे घरटे बनवले असेल त्या झाडाच्या, गिधाडांच्या विष्टेमुळे झालेल्या नुकसानीनंतरचे प्रत्यक्ष उत्पन्न या आधारे निर्धारित करण्यात येईल.

६. (१) जंगली हत्तींच्या हल्ल्यामुळे शेतीची अवजारे किंवा इतर मालमत्तेचे नुकसान झाल्यास, प्रदेय असलेल्या नुकसानभरपाईचा दर, पुढीलप्रमाणे असेल :-

तक्ता

अ. क्र.	मालमत्तेचा तपशील	नुकसानभरपाईचा दर.
(१)	(२)	(३)
(१)	शेतीची यंत्रे व साधनसामग्री.	नुकसानीची रक्कम किंवा फक्त पाच हजार रुपये, यापैकी, जी कमी असेल तितकी.
(२)	वैलगाडी.	नुकसानीची रक्कम किंवा फक्त पाच हजार रुपये, यापैकी, जी कमी असेल तितकी.
(३)	संरक्षक भित व कुंपण.	नुकसानीची रक्कम किंवा फक्त दहा हजार रुपये, यापैकी, जी कमी असेल तितकी.

(२) जंगली हत्तींच्या हल्ल्यामुळे इमारतीचे किंवा घराचे नुकसान झाल्यास, प्रदेय असलेल्या नुकसानभरपाईचा दर, पुढीलप्रमाणे असेल :-

तक्ता

अ. क्र. (१)	इमारत किंवा घराचा तपशील (२)	नुकसानभरपाईचा दर (३)
(१)	कौलांचे किंवा धातूच्या पत्रांचे अथवा सिमेंट व लोखंडी छताचे बनविलेले घर किंवा गोठा,	नुकसानीची रक्कम किंवा फक्त पन्नास हजार रुपये, यापैकी, जी कमी असेल तितकी.
(२)	चीट किंवा सिमेंटचा स्लॅब असलेली इमारत.	नुकसानीची रक्कम किंवा शासनाने घराकरिता मंजूर केलेली रक्कम, यापैकी, जी कमी असेल तितकी.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नावाने,

चिवेक होशिंग,
शासनाचे उप सचिव.

REVENUE AND FORESTS DEPARTMENT

Mantralaya, Madam Cama Marg, Hutatma Rajguru Chowk,
Mumbai 400 032, dated the 30th January, 2024.

NOTIFICATION

MAHARASHTRA PAYMENT OF COMPENSATION FOR LOSS, INJURY OR DAMAGE CAUSED BY WILD ANIMALS ACT, 2023.

No. WLP-02.23/CR-52(Part-III)/F-1.- In exercise of the powers conferred by sub-section (1) of section 3 of the Maharashtra Payment of Compensation for Loss, Injury or Damage Caused by Wild Animals Act, 2023 (Mah. XXXVII of 2023), the Government of Maharashtra hereby specifies the rates of compensation payable under the said Act for the loss of human life or injuries to humans and cattle or damage to crops, fruit plants and property caused due to attack of wild animal as follows, namely :-

1. The rate of compensation payable for loss of human life or any injury to human caused due to attack of tiger, leopard, bear, bison, wild pig, jackal, hyena, fox, crocodile, elephant, wild dog, deer, nilgai, monkey or langur, shall be as follows :-

Table

Sr. Nos.	Type of injury	Rate of compensation
(1)	(2)	(3)
(1)	Loss of human life.	Rupees twenty five lakhs.
(2)	Permanent Disability to human.	Rupees seven lakh and fifty thousand.
(3)	Major injury to human.	Rupees five lakhs.
(4)	Minor injury to human.	In case treatment is done in private hospital the cost of treatment or rupees fifty thousand only, whichever is less.

2. The rate of compensation payable for loss or injury to the cattle caused due to attack of tiger, leopard, bear, bison, wild pig, jackal, hyena, fox, crocodile, elephant or wild dogs shall be as follows :-

Table

Sr. Nos.	Type of Livestock (Domestic Animal)	Rate of compensation
(1)	(2)	(3)
(1)	Loss of cow, buffalo or bullock.	Seventy five per cent. of market price of cattle or rupees seventy thousand only, whichever is less.
(2)	Loss of sheep, goats and other livestock defined in clause (18A) of section 2 of the Wild Life (Protection) Act, 1972 (53 of 1972).	Seventy five per cent. of market price of cattle or rupees fifteen thousand only, whichever is less.
(3)	Permanent disability to cow, buffalo or bullock.	Fifty per cent. of market price of cattle or rupees fifteen thousand only, whichever is less.
(4)	Injury to cow, buffalo, bullock, sheep, goat or other livestock.	Medical expenses incurred for treatment of injured cattle shall be paid. Treatment of injured cattle shall be taken in Government or Zilla Parishad veterinary hospital. Amount payable shall be limited to twenty five per cent. of the market price of cattle or rupees five thousand only, whichever is less.

3. The rate of compensation payable for damage to crops caused due to attack of wild pig, deer, bison, nilgai, monkey, langur or elephant, shall be as follows :-

Table

Sr. Nos. (1)	Details of damages (2)	Rate of compensation (3)
(1)	Crop damage upto rupees twenty thousand in each case.	Full cost of damage, but not less than rupees two thousand only.
(2)	Crop damage exceeding rupees twenty thousand in each case.	Rupees twenty thousand plus eighty per cent. of the amount above rupees twenty thousand, subject to maximum limit of rupees fifty thousand only.
(3)	Damage to sugarcane crop in each case.	Rupees sixteen hundred per metric ton, subject to a maximum limit of rupees fifty thousand only.

4. The rate of compensation payable for damage to fruit trees caused due to attack of wild pig, deer, bison, nilgai, monkey, langur or elephant, shall be as follows :-

Table

Sr. Nos. (1)	Species and age of tree. (2)	Rate of compensation per tree. (3)
(1)	Coconut tree,-	
	(i) upto one year,	Rupees five hundred only.
	(ii) above one year and upto two years,	Rupees one thousand only.
	(iii) above two years and upto three years,	Rupees three thousand only.
	(iv) above three years and upto four years,	Rupees five thousand only.
	(v) above four years and upto five years,	Rupees seven thousand and five hundred only.
	(vi) above five years,	Rupees nine thousand and five hundred only.
(2)	Betel vine,-	
	(i) upto one year,	Rupees five hundred only.
	(ii) above one year and upto two years,	Rupees five hundred only.
	(iii) above two years and upto three years,	Rupees two thousand only.
	(iv) above three years and upto four years,	Rupees two thousand and five hundred only.
	(v) above four years and upto five years,	Rupees three thousand and five hundred only.
	(vi) above five years,	Rupees five thousand and five hundred only.
(3)	Banana plant.	Rupees two hundred and forty only per plant.

(4)	Grafted Mango tree,- (i) upto one year,	Rupees five hundred only.
	(ii) above one year and upto two years,	Rupees one thousand and five hundred only.
	(iii) above two years and upto three years,	Rupees three thousand only.
	(iv) above three years and upto four years,	Rupees five thousand only.
	(v) above four years and upto five years,	Rupees six thousand only.
	(vi) above five years.	Rupees seven thousand only.
(5)	Orange and sweet lime,- (i) upto one year,	Rupees five hundred only.
	(ii) above one year and upto two years,	Rupees one thousand only.
	(iii) above two years and upto three years,	Rupees two thousand and five hundred only.
	(iv) above three years and upto four years,	Rupees three thousand only.
	(v) above four years and upto five years,	Rupees three thousand and five hundred only.
	(vi) above five years.	Rupees four thousand and five hundred only.
(6)	Other fruit trees,- (i) upto one year,	Rupees two hundred only.
	(ii) above one year and upto two years,	Rupees three hundred only.
	(iii) above two years and upto three years,	Rupees five hundred only.
	(iv) above three years and upto four years,	Rupees six hundred only.
	(v) above four years and upto five years,	Rupees seven hundred only.
	(vi) above five years.	Rupees one thousand only.

5. The rate of compensation payable for damage of coconuts caused due to attack of vultures shall be as follows :-

Table

Sr. Nos. (1)	Name of fruit (2)	Rate of compensation (3)
(1)	Coconut fruit.	<p>Rupees seven per coconut, subject to maximum of rupees four hundred per tree per year.</p> <p>The number of coconut for awarding compensation shall be determined based on the difference of per tree productivity in the last year and actual yield after damage by vulture droppings for the tree where the vulture has made his nest.</p>

6. (1) In case of damage to the farm equipment or other property caused due to attack of wild elephants, the rate of compensation payable shall be as follows :-

Table

Sr. Nos. (1)	Particulars of property (2)	Rate of compensation (3)
(1)	Farm machinery and equipment.	Amount of damage or rupees five thousand only, whichever is less.
(2)	Bullock cart.	Amount of damage or rupees five thousand only, whichever is less.
(3)	Protective wall and fencing.	Amount of damage or rupees ten thousand only, whichever is less.

(2) In case of damage to the building or house caused due to attack of wild elephants, the rate of compensation payable shall be as follows :-

Table

Sr. Nos. (1)	Particulars of building or house (2)	Rate of compensation (3)
(1)	House made of tiles or metal sheet or cement sheet roof or cattle shed.	Amount of damage or rupees fifty thousand only, whichever is less.
(2)	Brick or cement slab building.	Amount of damage or amount sanctioned by the Government for housing or rupees one lakh, whichever is less.

By order and in the name of the Governor of Maharashtra,

VIVEK HOSHING,
Deputy Secretary to Government.



महाराष्ट्र शासन राजपत्र

असाधारण भाग आठ

वर्ष ९, अंक ४८(४)]

सोमवार, ऑगस्ट १४, २०२३/श्रावण २३, शके १९४५

[पृष्ठे ४, किंमत : रुपये २७.००

असाधारण क्रमांक ८८

प्राधिकृत प्रकाशन

महाराष्ट्र विधानमंडळाचे अधिनियम व राज्यपालांनी प्रख्यापित केलेले अध्यादेश व केलेले विनियम आणि विधि व न्याय विभागाकडून आलेली विधेयके (इंग्रजी अनुवाद).

In pursuance of clause (3) of article 348 of the Constitution of India, the following translation in English of the Maharashtra Payment of Compensation for Loss, Injury or Damage Caused by Wild Animals Act, 2023 (Mah. Act No. XXXVII of 2023), is hereby published under the authority of the Governor.

By order and in the name of the Governor of Maharashtra,

SATISH WAGHOLE,
Secretary (Legislation) to Government,
Law and Judiciary Department.

MAHARASHTRA ACT No. XXXVII OF 2023.

(First published, after having received the assent of the Governor in the "Maharashtra Government Gazette", on the 14th August 2023.)

An Act to make special provisions for payment of compensation for loss of life of, or injury to, humans and cattle and damage to crops and property caused by certain wild animals and for matters connected therewith or incidental thereto.

WHEREAS it is expedient to make special provisions for payment of compensation for loss of life of, or injury to, humans and cattle and damage to crops and property caused by certain wild animals and for matters connected therewith or incidental thereto; it is hereby enacted in the Seventy-fourth Year of the Republic of India, as follows:—

1. (1) This Act may be called the Maharashtra Payment of Compensation for Loss, Injury or Damage Caused by Wild Animals Act, 2023. Short title and commencement.

(2) It shall come into force on such date as the State Government may, by notification in the Official Gazette, appoint.

(१)

भाग आठ—८८—९

Definitions

2. (1) In this Act, unless the context requires otherwise,—

(a) "cattle" means cow, buffalo, bullock, sheep, goat and includes such other cattle as the State Government may, by notification published in the *Official Gazette*, specify ;

(b) "legal heir" or "successor" means a person, who as per law is entitled to inherit the property of the deceased if he has left any property at the time of his death and also includes any executor or administrator of the deceased ;

(c) "prescribed" means prescribed by rules made under this Act ;

(d) "rules" means the rules made by the State Government under this Act ;

(e) "wild animal" means tiger, leopard, bear, bison, wild pig, jackal, hyena, fox, crocodile, elephant, wild dog, deer, nilgai, monkey and langur and includes such other wild animals as the State Government may, by notification published in the *Official Gazette*, specify.

(2) Words and expressions used in this Act, but not defined hereinabove shall have the same meanings as are assigned to them in the Wildlife (Protection) Act, 1972. 53 of 1972.

Compensation
for loss or
damages
caused due to
wild animals.

3. (1) The State Government shall pay compensation for any injury to, or loss of life of, humans or cattle or damage to crops or immovable property caused by certain wild animals to the victims or to their legal heirs as per the provisions of this Act.

(2) The State Government shall pay compensation for the following types of injuries or damages caused due to attack of wild animal :—

(a) loss of human life ;

(b) permanent disability to humans ;

(c) major injury to humans ;

(d) loss of cattle life ;

(e) injury to cattle ;

(f) damage to crops, fruit plants ;

(g) damage to property ; or

(h) any other types of injuries or damages as may be prescribed :

Provided that, any loss, injury or damage caused by the accident of vehicle due to crossing of road by wild animal shall not be considered for compensation under clause (a), (b), (c), (d) or (e).

(3) The rates of compensation payable under this Act shall be such as may be specified by the State Government by notification published in the *Official Gazette*. The State Government may specify different rates of compensation for different types of injuries to humans and cattle or damage to crops, fruit plants and property by different wild animals.

4. (1) An application for the compensation payable under this Act shall be made by such persons to such Authority in such form and manner and within such time, as may be prescribed.

Procedure for payment of compensation.

(2) The Authority shall, after receipt of an application for compensation under sub-section (1), complete in all respects, make an enquiry in such manner as may be prescribed. The Authority shall, after making an enquiry, forward the application alongwith his report thereon to such Sanctioning Authority, as may be prescribed.

(3) The Sanctioning Authority shall, after considering the application alongwith the documents annexed thereto and the report of the Authority, either sanction the compensation payable under this Act or reject the same, after recording reasons therefor in writing:

Provided that, no application for compensation shall be rejected by the Sanctioning Authority unless an opportunity of hearing is given to the applicant.

(4) The compensation shall be paid to the applicant within a period of thirty days of receipt of the application, complete in all respects. Any delay in any payment of compensation after such thirty days shall be liable for payment of interest on the compensation at such rate as may be prescribed.

5. If any person makes any false claim for compensation under this Act or makes any false statement before the concerned authorities under this Act, then he shall be liable for penalty of rupees one thousand. The Sanctioning Authority shall impose and recover the penalty in such cases. The penalty shall be recovered as arrears of land revenue.

Penalty for false claims or false statement.

6. For the removal of doubts, it is hereby declared that nothing contained in this Act shall apply in respect of claims of compensation made prior to the date of commencement of this Act.

Removal of doubt.

7. No suit, prosecution or other legal proceedings shall lie against the Government, any officer or the authority of the Government or any person for anything which is done, or intended to be done in good faith under this Act or the rules or orders made thereunder.

Protection of acts done in good faith.

8. (1) The State Government may, by notification in the *Official Gazette*, make rules to carry out the purposes of this Act.

Power to make rules.

(2) Every rule made under this Act shall be laid, as soon as may be, after it is made, before each House of the State Legislature, while it is in session for a total period of thirty days which may be comprised in one session or in two or more successive sessions, and if, before the expiry of the session in which it is so laid or the session immediately following, both Houses agree in making any modification in the rule or both Houses agree that the rule should not be made, and notify such decision in the *Official Gazette*, the rule shall, from the date of such notification, have effect only in such modified form or be of no effect as the case may be; so, however that, any such modification or annulment shall be without prejudice to the validity of anything previously done or omitted to be done under that rule.

Power to
remove
difficulties.

9. (1) If any difficulty arises in giving effect to the provisions of this Act, the State Government may, as occasion arises, by an order published in the *Official Gazette*, do anything not inconsistent with the provisions of this Act, which appears to it to be necessary or expedient for the purposes of removing the difficulty:

Provided that, no such order shall be made after the expiry of the period of two years from the date of commencement of this Act.

(2) Every order made under sub-section (1) shall be laid, as soon as may be, after it is made, before each House of the State Legislature.

