

**MAKLUMAT KEPUTUSAN KAJIAN TUMBESARAN DAN PENGELUARAN
HUTAN SIMPAN TEKAM PAHANG TAHUN 1975 – 2007**

Mean Annual Diameter Increment									
Forest Reserve: Tekam						Date: 16.5.2014			
Forest District: Jerantut									
Treatment	Size	Dipterocarps		Marketable Non-dipterocarps		Non-commercials		Total	
	class	Incerement (cm/a)	No. Of Stems	Incerement (cm/a)	No. Of Stems	Incerement (cm/a)	No. Of Stems	Incerement (cm/a)	No. Of Stems
Treatment 1	>10cm	0.47	69	0.33	318	0.36	334	0.36	726
	>30cm	0.47	13	0.37	42	0.39	53	0.39	108
Treatment 2	>10cm	0.45	79	0.3	360	0.25	237	0.2	676
	>30cm	0.48	25	0.2	55	0.26	35	0.28	115
Treatment 3	>10cm	0.49	109	0.33	331	0.35	320	0.36	760
	>30cm	0.68	21	0.27	68	0.31	42	0.35	131
Treatment 4	>10cm	0.51	94	0.38	335	0.37	344	0.39	73
	>30cm	0.63	24	0.39	51	0.54	44	0.45	119
Treatment 5	>10cm	0.37	138	0.31	520	0.32	417	0.32	1,075
	>30cm	0.17	36	0.3	104	0.36	59	0.29	199
Treatment 6	>10cm	0.46	99	0.23	331	0.27	236	0.28	666
	>30cm	0.54	37	0.2	68	0.34	46	0.32	151
Treatment 7	>10cm	0.08	41	0.27	146	0.18	103	0.21	290
	>30cm	0.21	9	0.41	24	0.22	16	0.31	49
Treatment 8	>10cm	0.16	44	0.29	102	0.29	123	0.27	269
	>30cm	-0.18	14	0.41	15	0.12	22	0.12	51
Treatment 9	>10cm	-0.02	34	0.16	196	0.19	122	0.15	352
	>30cm	-0.36	16	0.13	31	0.19	9	-0.14	56
Total	>10cm	0.39	707	0.3	2,639	0.31	2,236	0.31	5582
	>30cm	0.32	195	0.27	458	0.34	326	0.3	979

Mean Annual Diameter Mortality												
Forest Reserve: Tekam										Date: 16.5.2014		
Forest District: Jerantut												
Treatment	Dipterocarps			Marketable Non-dipterocarps			Non-commercials			Total		
	N n/ha	BA sqm/ha	V cbm/ha	N n/ha	BA sqm/ha	V cbm/ha	N n/ha	BA sqm/ha	V cbm/ha	N n/ha	BA sqm/ha	V cbm/ha
Treatment 1	0.0	0.00	-0.01	-0.1	0.00	-0.04	-0.2	0.00	-0.04	-0.3	0.01	-0.09
Treatment 2	0.0	0.00	-0.02	-0.1	0.00	-0.04	-0.1	0.00	-0.03	-0.2	0.01	-0.09
Treatment 3	0.0	0.00	-0.01	-0.1	0.00	-0.04	-0.1	0.00	-0.04	-0.2	0.01	-0.10
Treatment 4	0.0	0.00	-0.01	-0.1	0.00	-0.05	-0.1	0.00	-0.04	-0.3	0.01	-0.10
Treatment 5	0.0	0.00	-0.02	-0.1	0.01	-0.06	-0.2	0.01	-0.06	-0.3	-0.01	-0.14
Treatment 6	0.0	0.00	-0.04	-0.1	0.00	-0.04	-0.1	0.00	-0.03	-0.2	0.01	-0.11
Treatment 7	0.1	0.00	-0.02	-0.1	0.00	-0.05	-0.1	0.00	-0.03	-0.3	-0.01	-0.10
Treatment 8	0.0	0.00	-0.05	-0.1	0.00	-0.04	-0.2	0.01	-0.06	-0.3	-0.01	-0.15
Treatment 9	0.0	0.00	-0.05	-0.1	0.01	-0.07	-0.1	0.00	-0.03	-0.2	-0.01	-0.14
Average	0.0	0.00	-0.02	-0.1	0.00	-0.05	-0.1	0	-0.04	-0.01	-0.01	-0.11

Mean Annual Diameter Growth												
Forest Reserve: Tekam										Date: 16.5.2014		
Forest District: Jerantut												
Treatment	Dipterocarps			Marketable Non-dipterocarps			Non-commercials			Total		
	N n/ha	BA sqm/ha	V cbm/ha	N n/ha	BA sqm/ha	V cbm/ha	N n/ha	BA sqm/ha	V cbm/ha	N n/ha	BA sqm/ha	V cbm/ha
Treatment 1	0.0	0.00	0.00	0.1	0.00	0.01	-0.1	0.00	-0.01	-0.2	0.00	-0.02
Treatment 2	0.0	0.00	0.00	0.1	0.00	0.01	0.1	0.00	0.01	-0.1	0.00	-0.01
Treatment 3	0.0	0.00	0.00	0.0	0.00	0.00	0.1	0.00	0.01	-0.1	0.00	-0.01
Treatment 4	0.0	0.00	0.00	0.1	0.00	0.01	0.1	0.00	0.01	-0.1	0.00	-0.02
Treatment 5	0.0	0.00	0.00	0.1	0.00	-0.01	0.1	0.01	0.01	-0.2	0.00	-0.02
Treatment 6	0.0	0.00	0.00	0.0	0.00	0.00	0.1	0.00	0.01	-0.1	0.00	-0.01
Treatment 7	0.1	0.00	0.01	0.1	0.00	-0.01	0.1	0.00	0.01	-0.2	0.00	-0.03
Treatment 8	0.0	0.00	0.00	0.1	0.00	0.01	-0.1	0.01	-0.01	-0.2	0.00	-0.02
Treatment 9	0.0	0.00	0.00	0.1	0.00	0.01	0.0	0.00	0.00	-0.1	0.00	-0.01
Average	0.0	0.00	0.00	-0.1	0.00	-0.05	-0.1	0	0.01	-0.2	0.00	-0.02

Stock table (summary result for size class 15 < 30 cm)

Forest Reserve: Tekam		Date: 16.05.2014																
Forest District: Jerantut																		
Treatment	Species group	Stocking characterist.	Stocking at age x after trial establishment															
			0	1	2	3	5	6	9	13	15	17	22	27	32	37	42	
1	Dipterocarps	stem number	9	5	11	10	11	9	12	24	12	22	25	26	19	0	0	
		basal area	0.33	0.23	0.38	0.34	0.39	0.36	0.44	0.76	0.40	0.82	0.93	0.86	0.54	0.00	0.00	
		gross volume	3.30	2.53	3.81	3.43	3.95	3.74	4.50	7.54	3.96	8.51	9.48	8.59	5.19	0.00	0.00	
	Marketable Non-Diperoc.	stem number	73	74	65	68	85	100	110	124	92	139	145	116	92	0	0	
		basal area	2.67	2.54	2.22	2.22	2.65	3.10	3.42	3.90	2.97	4.63	4.85	3.86	3.09	0.00	0.00	
		gross volume	27.41	25.75	22.50	22.15	26.19	30.52	33.64	38.52	29.55	46.57	48.59	38.70	31.03	0.00	0.00	
2	Dipterocarps	stem number	17	16	13	12	10	13	15	19	21	27	31	22	24	0	0	
		basal area	0.65	0.65	0.59	0.55	0.47	0.56	0.56	0.66	0.79	0.95	1.04	0.76	0.77	0.00	0.00	
		gross volume	6.73	6.84	6.26	5.95	5.05	5.89	5.78	6.71	8.18	9.60	10.47	7.59	7.65	0.00	0.00	
	Marketable Non-Diperoc.	stem number	81	79	85	82	88	104	117	114	95	129	126	123	91	0	0	
		basal area	2.91	2.80	2.97	2.95	3.09	3.43	3.94	3.80	3.19	4.52	4.30	4.06	3.08	0.00	0.00	
		gross volume	29.76	28.53	30.19	30.25	31.40	34.32	39.58	38.15	32.05	45.93	43.49	40.67	30.98	0.00	0.00	
3	Dipterocarps	stem number	10	16	19	27	26	25	23	31	21	35	29	31	32	0	0	
		basal area	0.43	0.52	0.60	0.70	0.73	0.80	0.85	1.07	0.81	1.18	1.03	0.90	0.89	0.00	0.00	
		gross volume	4.55	5.29	5.93	6.54	7.02	7.83	8.70	10.87	8.39	11.87	10.56	8.61	8.44	0.00	0.00	
	Marketable Non-Diperoc.	stem number	83	79	82	85	92	94	82	94	68	88	99	105	72	0	0	
		basal area	2.95	2.78	2.92	2.93	3.26	3.31	2.98	3.08	2.17	3.01	3.35	3.55	2.59	0.00	0.00	
		gross volume	29.97	28.29	29.73	29.72	33.25	33.69	30.56	30.75	21.47	30.40	33.82	35.71	26.40	0.00	0.00	
4	Dipterocarps	stem number	14	16	14	12	17	21	20	28	26	30	32	27	24	0	0	
		basal area	0.51	0.55	0.53	0.51	0.62	0.80	0.71	0.88	0.78	1.06	1.07	0.96	0.91	0.00	0.00	
		gross volume	5.28	5.66	5.54	5.35	6.38	8.36	7.23	8.72	7.67	10.87	10.62	9.68	9.42	0.00	0.00	
	Marketable Non-Diperoc.	stem number	85	79	80	82	90	93	98	116	92	142	119	117	104	0	0	
		basal area	2.90	2.73	2.72	2.76	3.07	3.22	3.33	4.06	3.18	4.79	3.95	3.78	3.26	0.00	0.00	
		gross volume	29.21	27.59	27.41	27.67	30.85	32.56	33.47	41.31	32.23	48.30	39.52	37.57	32.09	0.00	0.00	
5	Dipterocarps	stem number	22	22	27	25	27	26	24	29	25	34	32	37	29	0	0	
		basal area	0.78	0.77	0.91	0.85	0.95	0.90	0.80	1.02	0.87	1.36	1.22	1.34	1.01	0.00	0.00	
		gross volume	7.87	7.76	9.23	8.54	9.73	9.08	7.96	10.34	8.79	14.17	12.74	13.68	10.40	0.00	0.00	
	Marketable Non-Diperoc.	stem number	95	84	81	92	102	104	112	140	106	161	148	128	95	0	0	
		basal area	3.18	2.91	2.80	3.07	3.43	3.54	3.71	4.56	3.47	5.50	5.09	4.31	3.20	0.00	0.00	
		gross volume	31.80	29.35	28.26	30.84	34.44	35.67	37.25	45.43	34.68	55.49	51.36	43.40	32.23	0.00	0.00	
6	Dipterocarps	stem number	32	31	33	36	36	39	37	34	19	34	40	35	23	0	0	
		basal area	1.31	1.33	1.43	1.37	1.40	1.54	1.59	1.46	0.92	1.36	1.48	1.21	0.79	0.00	0.00	
		gross volume	13.81	14.03	15.31	14.18	14.63	16.09	17.02	15.47	10.05	14.31	15.33	12.31	8.05	0.00	0.00	
	Marketable Non-Diperoc.	stem number	156	146	152	145	147	153	147	147	87	145	151	156	112	0	0	
		basal area	5.39	5.03	5.27	5.01	5.09	5.18	4.94	4.84	3.03	4.90	5.01	4.81	3.46	0.00	0.00	
		gross volume	54.32	50.74	53.24	50.64	51.47	51.98	49.52	48.24	30.60	49.39	50.21	47.23	34.11	0.00	0.00	
7	Dipterocarps	stem number	47	39	41	47	47	53	44	49	17	72	64	59	22	0	0	

Stock table (summary result for size class 15 < 30 cm)

**Forest Reserve: Tekam
Forest District: Jerantut**

Date: 16.05.2014

Treatment	Species group	Stocking characterist.	Stocking at age x after trial establishment														
			0	1	2	3	5	6	9	13	15	17	22	27	32	37	42
		basal area	1.60	1.33	1.55	1.74	1.96	2.03	1.77	1.80	0.87	2.45	2.29	2.07	0.92	0.00	0.00
		gross volume	16.11	13.32	16.01	17.83	20.58	21.15	18.61	18.65	9.53	24.49	23.27	20.86	9.75	0.00	0.00
		Marketable Non-Diperoc.	stem number	149	122	119	127	125	147	166	202	139	183	180	163	106	0
		basal area	5.10	4.37	4.57	4.80	5.07	5.41	5.79	6.78	4.86	6.48	6.30	5.75	3.70	0.00	0.00
		gross volume	51.28	44.44	47.28	49.67	53.27	55.84	58.93	68.26	49.30	65.90	63.95	58.46	37.48	0.00	0.00
		Marketable Non-Diperoc.	stem number	22	22	20	27	35	31	27	41	20	53	55	45	28	0
8	Dipterocarps	basal area	0.64	0.72	0.81	0.97	1.11	1.00	0.82	1.31	0.63	1.84	1.95	1.51	0.94	0.00	0.00
		gross volume	6.22	7.01	8.32	9.99	11.21	9.85	8.06	13.05	6.11	18.47	19.75	15.17	9.43	0.00	0.00
		Marketable Non-Diperoc.	stem number	80	69	66	66	80	91	113	117	48	120	113	117	53	0
		basal area	2.78	2.45	2.47	2.42	2.54	2.80	3.42	3.96	1.75	4.13	4.15	4.16	1.93	0.00	0.00
		gross volume	28.05	24.89	25.51	24.95	25.27	27.41	33.33	39.73	17.90	41.67	42.68	42.47	19.79	0.00	0.00
		Marketable Non-Diperoc.	stem number	20	27	31	25	28	28	27	24	11	24	25	35	22	0
9	Dipterocarps	basal area	0.80	0.96	1.27	1.09	1.01	1.03	1.04	1.06	0.57	1.15	1.04	1.45	0.85	0.00	0.00
		gross volume	8.36	9.87	13.42	11.50	10.22	10.62	10.79	11.32	6.26	12.46	10.94	15.22	8.78	0.00	0.00
		Marketable Non-Diperoc.	stem number	203	225	219	217	219	242	236	281	163	266	261	249	175	0
		basal area	6.69	7.24	7.15	7.34	7.31	7.92	8.02	9.37	5.58	9.61	9.59	9.24	6.29	0.00	0.00
		gross volume	66.82	71.79	71.13	73.69	73.20	78.92	80.65	93.83	56.38	98.29	98.38	95.30	64.25	0.00	0.00
		Marketable Non-Diperoc.	stem number	203	225	219	217	219	242	236	281	163	266	261	249	175	0

Stock table (summary result for size class 30 < 45 cm)

**Forest Reserve: Tekam
Forest District: Jerantut**

Date: 16.05.2014

Treatment	Species group	Stocking characterist.	Stocking at age x after trial establishment															
			0	1	2	3	4	5	6	9	13	15	17	22	27	32	37	42
1	Dipterocarps	stem number	4	2	3	4	4	5	5	5	5	6	8	9	10	0	0	
		basal area	0.38	0.18	0.23	0.33	0.42	0.48	0.53	0.54	0.51	0.60	0.79	0.90	1.04	0.00	0.00	
		gross volume	4.37	2.02	2.61	3.68	4.87	5.58	6.20	6.24	5.83	6.82	8.99	10.48	12.05	0.00	0.00	
	Marketable Non-Diperoc.	stem number	19	17	19	20	22	25	28	32	22	34	41	48	44	0	0	
		basal area	1.92	1.65	1.79	1.93	2.07	2.35	2.69	3.27	2.36	3.62	4.22	4.97	4.54	0.00	0.00	
		gross volume	19.72	16.81	18.20	19.61	21.07	23.96	27.43	33.62	24.54	37.59	43.72	51.45	46.98	0.00	0.00	
2	Dipterocarps	stem number	8	8	7	8	9	9	10	10	10	11	12	14	13	0	0	
		basal area	0.89	0.87	0.81	0.88	1.04	0.97	1.04	1.05	1.02	1.20	1.31	1.47	1.40	0.00	0.00	
		gross volume	10.35	10.08	9.40	10.18	12.03	11.33	11.94	12.10	11.68	13.85	15.02	16.98	16.26	0.00	0.00	
	Marketable Non-Diperoc.	stem number	22	21	22	24	28	30	30	37	31	40	40	45	39	0	0	
		basal area	2.26	2.14	2.25	2.47	2.88	3.03	3.03	3.84	3.20	4.15	4.04	4.70	4.02	0.00	0.00	
		gross volume	23.22	21.92	23.05	25.48	29.57	31.10	31.15	39.75	33.12	42.78	41.53	48.53	41.57	0.00	0.00	
3	Dipterocarps	stem number	7	7	7	7	7	6	6	8	7	14	17	18	13	0	0	
		basal area	0.86	0.83	0.81	0.73	0.79	0.66	0.71	0.87	0.76	1.31	1.83	1.98	1.46	0.00	0.00	
		gross volume	10.20	9.92	9.59	8.52	9.18	7.68	8.33	10.19	8.86	15.03	21.08	23.05	17.00	0.00	0.00	
	Marketable Non-Diperoc.	stem number	28	26	25	25	25	27	31	39	31	43	44	44	39	0	0	
		basal area	2.99	2.72	2.69	2.71	2.62	2.76	3.05	3.82	3.12	4.37	4.48	4.39	4.01	0.00	0.00	
		gross volume	31.26	28.44	28.28	28.40	27.39	28.60	31.52	39.41	32.22	45.05	46.23	45.12	41.63	0.00	0.00	
4	Dipterocarps	stem number	7	6	6	6	6	6	8	10	10	12	15	14	12	0	0	
		basal area	0.76	0.73	0.72	0.64	0.63	0.58	0.74	0.93	0.99	1.24	1.64	1.49	1.26	0.00	0.00	
		gross volume	8.96	8.73	8.45	7.43	7.24	6.58	8.36	10.60	11.34	14.08	18.86	17.13	14.49	0.00	0.00	
	Marketable Non-Diperoc.	stem number	21	21	23	21	20	21	23	27	22	35	44	42	40	0	0	
		basal area	2.36	2.36	2.45	2.25	2.10	2.18	2.31	2.75	2.30	3.63	4.58	4.13	3.96	0.00	0.00	
		gross volume	24.74	24.70	25.52	23.40	21.75	22.63	23.78	28.48	23.66	37.67	47.34	42.39	40.68	0.00	0.00	
5	Dipterocarps	stem number	8	6	6	8	9	11	13	14	10	14	16	16	13	0	0	
		basal area	0.79	0.65	0.61	0.72	0.82	1.00	1.23	1.50	1.06	1.54	1.67	1.68	1.28	0.00	0.00	
		gross volume	9.14	7.54	7.05	8.17	9.36	11.29	14.00	17.32	12.38	18.05	19.39	19.57	14.85	0.00	0.00	
	Marketable Non-Diperoc.	stem number	25	25	26	28	28	30	29	34	31	41	47	53	49	0	0	
		basal area	2.58	2.58	2.56	2.81	2.87	3.06	3.02	3.43	3.08	3.99	4.56	5.33	5.15	0.00	0.00	
		gross volume	26.51	26.60	26.20	28.91	29.63	31.48	31.17	35.38	31.74	40.94	46.77	54.71	53.56	0.00	0.00	
6	Dipterocarps	stem number	9	9	9	11	13	13	13	16	11	20	21	22	17	0	0	
		basal area	0.91	0.88	0.83	1.03	1.23	1.26	1.45	1.65	1.17	2.03	2.17	2.26	1.68	0.00	0.00	
		gross volume	10.49	10.12	9.45	11.74	14.07	14.43	16.67	18.99	13.61	23.35	24.97	26.09	19.38	0.00	0.00	
	Marketable Non-Diperoc.	stem number	42	41	40	42	42	44	43	45	24	40	42	46	40	0	0	
		basal area	4.20	4.18	4.11	4.22	4.32	4.40	4.40	4.66	2.43	4.08	4.33	4.65	4.12	0.00	0.00	
		gross volume	43.09	42.98	42.13	43.50	44.53	45.16	45.35	48.07	24.86	41.94	44.86	47.87	42.45	0.00	0.00	
7	Dipterocarps	stem number	8	6	6	6	6	8	13	19	11	20	20	21	17	0	0	

Stock table (summary result for size class 30 < 45 cm)

**Forest Reserve: Tekam
Forest District: Jerantut**

Date: 16.05.2014

Treatment	Species group	Stocking characterist.	Stocking at age x after trial establishment														
			0	1	2	3	5	6	9	13	15	17	22	27	32	37	42
		basal area	0.91	0.75	0.62	0.64	0.68	0.79	1.25	1.93	1.12	2.23	2.07	2.00	1.65	0.00	0.00
		gross volume	10.66	8.72	7.03	7.38	7.80	9.19	14.41	22.38	12.87	25.78	24.14	23.17	18.95	0.00	0.00
	Marketable Non-Diperoc.	stem number	28	22	23	22	25	27	36	42	33	55	61	67	61	0	0
		basal area	3.17	2.39	2.55	2.31	2.65	2.83	3.68	4.13	3.29	5.37	5.92	6.52	5.98	0.00	0.00
		gross volume	33.50	25.10	26.64	24.01	27.55	29.48	38.01	42.22	33.66	54.83	60.26	66.35	60.74	0.00	0.00
8	Dipterocarps	stem number	14	13	13	11	13	16	17	17	9	19	17	20	14	0	0
		basal area	1.49	1.33	1.35	1.18	1.39	1.72	1.72	1.79	0.99	2.11	1.82	2.07	1.32	0.00	0.00
		gross volume	17.37	15.66	15.99	13.87	16.40	20.19	19.90	20.74	11.59	24.98	21.22	23.98	15.24	0.00	0.00
	Marketable Non-Diperoc.	stem number	16	16	19	19	22	25	27	28	6	27	27	25	17	0	0
		basal area	1.42	1.46	1.87	1.82	2.07	2.45	2.65	2.91	0.63	2.54	2.67	2.50	1.62	0.00	0.00
		gross volume	14.39	14.91	19.39	18.83	21.29	25.35	27.65	30.59	6.46	26.15	27.72	26.10	16.55	0.00	0.00
9	Dipterocarps	stem number	16	14	9	11	16	16	17	14	6	13	16	14	10	0	0
		basal area	1.75	1.59	1.01	1.13	1.57	1.63	1.92	1.53	0.66	1.22	1.55	1.44	0.93	0.00	0.00
		gross volume	20.53	18.68	11.85	13.35	18.30	19.04	22.71	17.88	7.55	14.03	17.89	16.64	10.85	0.00	0.00
	Marketable Non-Diperoc.	stem number	28	30	31	31	34	34	33	30	22	36	45	50	52	0	0
		basal area	2.88	3.03	3.20	3.26	3.54	3.63	3.51	3.22	2.37	3.93	4.53	4.81	5.20	0.00	0.00
		gross volume	29.92	31.43	33.33	34.08	36.96	38.10	36.70	33.77	24.84	41.48	47.04	49.49	53.83	0.00	0.00

Stock table (summary result for size class 45 < 60 cm)

Forest Reserve: Tekam Forest District: Jerantut			Date: 16.05.2014															
Treatment	Species group	Stocking characterist.	Stocking at age x after trial establishment															
			0	1	2	3	5	6	9	13	15	17	22	27	32	37	42	
1	Dipterocarps	stem number	3	2	2	2	2	2	2	2	3	1	2	3	4	4	0	0
		basal area	0.56	0.32	0.32	0.32	0.33	0.32	0.30	0.61	0.21	0.45	0.55	0.84	0.95	0.00	0.00	
		gross volume	6.98	3.88	3.88	3.93	3.94	3.96	3.66	7.68	2.63	5.73	7.08	10.49	11.98	0.00	0.00	
	Marketable Non-Diperoc.	stem number	3	2	3	3	3	3	3	4	2	6	8	9	10	0	0	
		basal area	0.71	0.44	0.51	0.53	0.53	0.55	0.65	0.88	0.32	1.13	1.45	1.87	2.07	0.00	0.00	
		gross volume	8.18	5.04	5.77	6.02	6.05	6.22	7.44	10.10	3.73	12.66	16.48	21.39	24.01	0.00	0.00	
2	Dipterocarps	stem number	3	3	3	3	3	4	5	5	2	4	3	3	3	0	0	
		basal area	0.58	0.58	0.56	0.58	0.63	0.73	0.95	1.04	0.45	0.78	0.68	0.59	0.59	0.00	0.00	
		gross volume	7.12	7.17	6.93	7.11	7.81	9.02	11.91	13.07	5.61	9.78	8.45	7.25	7.09	0.00	0.00	
	Marketable Non-Diperoc.	stem number	4	4	5	4	4	5	4	6	4	7	8	10	10	0	0	
		basal area	0.69	0.79	0.90	0.83	0.86	0.96	0.83	1.25	0.79	1.39	1.56	1.92	1.99	0.00	0.00	
		gross volume	7.79	8.86	10.18	9.44	9.85	10.90	9.44	14.33	8.94	15.86	17.76	21.96	22.71	0.00	0.00	
3	Dipterocarps	stem number	2	1	2	3	3	4	4	4	3	4	3	6	6	0	0	
		basal area	0.30	0.21	0.30	0.49	0.54	0.72	0.76	0.84	0.66	0.96	0.71	1.26	1.28	0.00	0.00	
		gross volume	3.63	2.59	3.74	6.09	6.71	9.05	9.49	10.71	8.26	12.21	8.97	15.83	16.03	0.00	0.00	
	Marketable Non-Diperoc.	stem number	7	7	7	8	9	11	12	14	9	14	13	15	13	0	0	
		basal area	1.30	1.38	1.39	1.46	1.77	2.07	2.28	2.86	1.94	2.89	2.50	3.01	2.78	0.00	0.00	
		gross volume	14.80	15.74	15.66	16.60	20.19	23.64	25.87	32.97	22.62	33.54	28.87	34.75	32.38	0.00	0.00	
4	Dipterocarps	stem number	3	2	3	4	4	5	5	6	4	7	5	5	6	0	0	
		basal area	0.54	0.43	0.64	0.68	0.82	0.93	1.07	1.25	0.96	1.48	1.12	1.03	1.22	0.00	0.00	
		gross volume	6.63	5.31	7.90	8.47	10.33	11.66	13.51	15.86	12.01	18.80	14.56	12.83	15.04	0.00	0.00	
	Marketable Non-Diperoc.	stem number	8	7	6	7	7	8	8	10	7	10	11	17	10	0	0	
		basal area	1.52	1.35	1.24	1.38	1.26	1.48	1.57	1.97	1.44	2.18	2.26	3.54	2.17	0.00	0.00	
		gross volume	17.38	15.48	14.30	15.98	14.29	16.82	17.88	22.53	16.76	25.26	25.96	40.85	24.89	0.00	0.00	
5	Dipterocarps	stem number	4	4	4	4	4	4	3	3	2	4	7	9	7	0	0	
		basal area	0.79	0.74	0.88	0.90	0.92	0.83	0.68	0.61	0.34	0.81	1.45	2.00	1.43	0.00	0.00	
		gross volume	9.63	8.91	10.64	10.92	11.22	10.18	8.31	7.55	4.22	9.80	17.92	25.03	18.06	0.00	0.00	
	Marketable Non-Diperoc.	stem number	6	6	7	6	6	6	8	9	7	12	13	13	13	0	0	
		basal area	1.28	1.18	1.36	1.24	1.33	1.33	1.59	1.74	1.31	2.30	2.57	2.66	2.61	0.00	0.00	
		gross volume	14.90	13.89	15.87	14.67	15.60	15.56	18.52	20.07	15.03	26.31	29.73	30.70	30.16	0.00	0.00	
6	Dipterocarps	stem number	8	7	8	8	8	8	7	7	4	5	6	6	7	0	0	
		basal area	1.75	1.56	1.72	1.73	1.78	1.80	1.72	1.61	0.86	0.88	1.31	1.08	1.42	0.00	0.00	
		gross volume	22.54	20.04	22.06	22.19	22.97	23.21	22.20	20.79	10.71	11.00	16.41	13.57	17.55	0.00	0.00	
	Marketable Non-Diperoc.	stem number	10	10	11	10	10	11	9	8	4	10	9	12	5	0	0	
		basal area	2.07	2.10	2.27	2.03	2.11	2.28	1.93	1.63	0.93	2.00	1.70	2.34	0.94	0.00	0.00	
		gross volume	24.02	24.41	26.35	23.44	24.49	26.45	22.06	18.49	10.71	22.58	18.78	26.27	10.52	0.00	0.00	
7	Dipterocarps	stem number	2	2	3	3	3	3	2	2	0	5	5	6	3	0	0	

Stock table (summary result for size class 45 < 60 cm)

**Forest Reserve: Tekam
Forest District: Jerantut**

Date: 16.05.2014

Treatment	Species group	Stocking characterist.	Stocking at age x after trial establishment														
			0	1	2	3	5	6	9	13	15	17	22	27	32	37	42
		basal area	0.40	0.40	0.65	0.67	0.72	0.73	0.32	0.35	0.00	0.84	0.95	1.29	0.66	0.00	0.00
		gross volume	4.92	4.96	8.04	8.33	8.91	9.09	3.99	4.42	0.00	10.41	12.21	16.54	8.66	0.00	0.00
		stem number	2	3	5	6	6	6	6	13	6	14	17	14	8	0	0
	Marketable Non-Diperoc.	basal area	0.31	0.65	0.96	1.05	1.10	1.22	1.25	2.48	1.14	2.90	3.58	3.06	1.47	0.00	0.00
		gross volume	3.52	7.29	10.78	11.64	12.26	13.85	14.21	28.39	13.14	33.69	41.67	36.05	17.09	0.00	0.00
		stem number	6	6	6	6	6	6	8	6	3	8	13	17	8	0	0
8	Dipterocarps	basal area	1.33	1.35	1.38	1.25	1.34	1.37	1.78	1.29	0.53	1.53	2.51	3.59	1.81	0.00	0.00
		gross volume	16.72	17.10	17.34	15.55	16.66	17.19	22.51	16.54	6.50	18.99	31.29	44.82	22.86	0.00	0.00
		stem number	2	2	3	5	6	6	8	8	6	14	11	11	9	0	0
	Marketable Non-Diperoc.	basal area	0.31	0.32	0.62	0.90	1.20	1.22	1.56	1.53	1.22	2.82	2.22	2.26	1.91	0.00	0.00
		gross volume	3.48	3.62	7.07	10.17	13.58	13.89	17.77	17.55	14.01	32.70	25.91	26.46	22.46	0.00	0.00
		stem number	5	5	10	10	10	10	10	11	6	17	17	17	3	0	0
9	Dipterocarps	basal area	0.86	0.86	1.70	1.76	1.88	1.91	2.04	2.18	1.44	3.48	3.82	3.78	0.77	0.00	0.00
		gross volume	10.74	10.85	21.51	22.24	24.07	24.42	26.20	27.49	18.52	43.64	48.42	48.14	10.14	0.00	0.00
		stem number	16	16	14	16	16	16	16	14	13	6	13	16	16	13	0
	Marketable Non-Diperoc.	basal area	3.27	3.28	2.90	3.41	3.54	3.58	2.93	2.74	1.35	2.87	3.30	3.22	2.40	0.00	0.00
		gross volume	38.38	38.52	33.85	40.26	42.05	42.50	34.15	32.24	16.08	33.86	38.25	37.83	27.50	0.00	0.00
		stem number	16	16	14	16	16	16	16	14	13	6	13	16	16	13	0

Stock table (summary result for size class 45 < 60 cm)

**Forest Reserve: Tekam
Forest District: Jerantut**

Date: 16.05.2014

Treatment	Species group	Stocking characterist.	Stocking at age x after trial establishment															
			0	1	2	3	5	6	9	13	15	17	22	27	32	37	42	
		basal area	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.54	0.55	0.55	0.59	0.61	0.61	0.00	0.00	
		gross volume	0.00	0.00	0.00	0.00	0.00	0.00	5.78	6.82	6.84	6.91	7.40	7.60	7.60	0.00	0.00	
		stem number	0	0	0	2	2	2	2	2	2	3	3	6	6	0	0	
	Marketable Non-Diperoc.	basal area	0.00	0.00	0.00	0.44	0.44	0.47	0.47	0.47	0.47	1.04	1.09	2.26	1.96	0.00	0.00	
		gross volume	0.00	0.00	0.00	5.41	5.41	5.82	5.82	5.82	5.84	13.04	13.72	28.60	24.79	0.00	0.00	
		stem number	2	2	2	2	2	2	2	5	2	5	3	2	2	0	0	
8	Dipterocarps	basal area	1.45	1.60	1.66	0.45	0.47	0.47	0.47	1.42	0.48	1.69	1.23	0.57	0.60	0.00	0.00	
		gross volume	22.59	25.03	26.12	6.31	6.64	6.69	6.69	19.45	6.88	24.85	18.72	8.33	8.79	0.00	0.00	
		stem number	0	0	0	0	0	0	0	0	2	3	3	5	5	5	0	0
	Marketable Non-Diperoc.	basal area	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.95	1.07	1.82	2.03	2.45	0.00	0.00
		gross volume	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.31	11.84	13.48	23.29	26.29	33.64	0.00	0.00
		stem number	3	3	3	3	3	3	3	3	5	2	3	3	5	6	0	0
9	Dipterocarps	basal area	2.69	2.69	2.70	2.73	2.79	2.80	2.86	3.31	0.61	2.92	2.93	1.70	2.16	0.00	0.00	
		gross volume	45.86	45.86	46.16	46.69	47.71	47.99	49.07	55.73	9.48	50.07	50.40	24.12	31.99	0.00	0.00	
		stem number	5	3	6	5	5	3	8	8	5	6	6	8	9	0	0	
	Marketable Non-Diperoc.	basal area	4.51	1.04	2.55	3.62	3.47	1.13	2.59	2.68	1.66	2.24	2.35	2.93	3.56	0.00	0.00	
		gross volume	68.74	12.91	34.39	53.49	50.85	14.22	33.19	34.31	21.37	28.87	30.48	37.60	46.79	0.00	0.00	
		stem number	5	3	6	5	5	3	8	8	5	6	6	8	9	0	0	