

## BUNCH COMPONENTS

Fruit quality	Unripe		Under-ripe		Ripe		Over-Ripe		Average
Bunch size	Small	Big	Small	Big	Small	Big	Small	Big	
<b>Bunch weight</b>	25.18	44.23	18.96	21.98	19.70	32.20	25.60	27.52	26.92
<b>(%, Wet Weight/bunch)</b>									
Spikelet	18.77	19.45	16.92	15.91	22.42	10.94	24.09	15.74	18.03
Stalk	9.31	11.89	8.25	7.81	9.83	10.91	11.07	13.67	10.34
Calyx	4.69	3.34	3.18	4.27	3.04	3.54	2.71	1.29	3.26
Fruit	67.23	65.33	71.65	72.01	64.72	74.60	62.14	69.31	68.38
Mesocarp	54.48	46.55	57.90	49.47	54.32	53.46	48.94	45.57	51.35
Nut	12.75	18.68	13.75	22.45	10.40	21.16	13.19	23.74	17.02
Shell	6.41	10.24	5.94	9.81	4.70	8.70	6.20	17.79	8.72
Kernel	6.35	8.44	7.81	12.73	5.70	12.46	6.99	5.95	8.30
<b>(%, Moisture/bunch)</b>									
Spikelet	12.37	13.21	11.32	10.83	14.29	6.95	15.98	10.64	11.95
Stalk	7.69	9.78	6.69	6.32	7.67	9.07	8.98	11.35	8.44
Calyx	2.89	2.05	1.88	2.49	1.64	2.26	1.77	0.81	1.97
Fruit	24.20	24.57	27.13	23.07	21.31	27.22	21.50	16.89	23.24
Total Moisture	47.15	49.61	47.02	42.71	44.91	45.50	48.23	39.69	45.60
<b>(%, Oil/bunch)</b>									
Mesocarp	22.17	20.13	28.58	24.78	26.09	23.90	23.22	27.36	24.53
Nut	0.07	0.11	0.04	0.11	0.06	0.05	0.08	0.40	0.12
<b>Total oil</b>	22.24	20.24	28.62	24.89	26.15	23.95	23.30	27.76	24.65
<b>(% Solid/bunch)</b>									
Spikelet	6.35	6.12	5.56	5.02	8.09	3.97	7.95	5.01	6.01
Stalk	1.61	2.10	1.54	1.48	2.13	1.83	2.07	2.29	1.88
Calyx	1.76	1.19	1.29	1.64	1.37	1.26	0.92	0.43	1.23
Fruit	20.89	20.75	15.96	24.26	17.34	24.49	17.53	24.82	20.63
<b>Total solids</b>	30.61	30.16	24.35	32.40	28.93	30.55	28.47	32.55	29.75

Source: NG, S B (1993). OER and Milling Losses. *Proc. of National Seminar on Palm Oil Extraction Rate: Problems and Issues*. PORIM, Kuala Lumpur. p. 99-109.