

CONVERSION FACTORS FOR COCONUT

A. Number of Coconuts to a tonne of Copra:

Kerala	6,250 to 6,850
Andhrapradesh	8,820
Thamilndu	7,000
Lakshadweep	12,000

B. Coconut of Copra in Kerala

Months	Kg.of Copra per 1000 Nuts
January	163
February	181
March	178
April	175
May	179
June	165
July	152
August	139
September	147
October	148
November	155
December	158

Compositon of Coconut (Husked)

Shell	27.9% (23.5 to 32.8)
Kernel	55.2% (48.2 to 62.0)
Water	17.0% (8.2 to 25.1)

Composition of Standared Copra

Moisture	6%		
Oil	68 to 71%		
Free Fatty Acid	2%		
Composition	Kernel %	Copra %	Cake%
Moisure	46.3	5.8	10.7
Protein	4.1	8.9	19.1
Fat	37.3	67.0	11.1
Carbohydrates	7.9	12.4	40.9
Crude Fibre	3.4	4.1	14.1
Ash	1.0	1.8	4.1

Fatty Acid Composition of Cocount Oil

Stauratted Fatty Acids	Un- Stauratted Fatty Acids
Lauric Acid	Palmilotoleic Acid
Caprylic Acid	Olieic Acid
Myristic Acid	Linoleic Acid
Arachidic Acid	Arachidonic Acid

Analysis of Coconut Water

	<u>Mature Cocount water</u>	<u>Tender Coconut water</u>
Total Solids %	5.4	6.5
Total Sugars %	2.00	5.7
Redicomg Sugar %	0.2	4.4
Minerals %	0.5	0.6
Protein %	0.1	0.01
Fat%	0.1	0.01
Acidity mg%	60.00	120.00
PH	5.2	4.5
Potassium mg%	247.00	290.00
Sodium mg %	48.00	42.00
Calcium mg%	40.00	44.00
Magnesium mg%	15	10.00
Phosphorus mg%	6.3	9.2
Iron mg%	79.00	106.00
Copper mg%	26.00	26.00