

### Nutrient Composition of Solvent Extracted and Expeller Pressed PKC

	Solvent extracted			Expeller pressed		
	1	2	3	1	2	3
Dry matter (%)	89	91	91	92.7	93	89.1
Crude protein (%)	15.3	15.2	15	14.6	14.8	16
Crude fibre (%)	14.3	16	15.6	12.1	15.7	16.8
Acid detergent fibre (%)	46.1	46	40	41.8	44	39.6
Neutral detergent fibre (%)	66.7	-	-	66.4	-	-
Ether extract (%)	2.9	1.8	0.9	9.1	9.8	10.6
Ash (%)	4.1	3.8	3.5	4.3	4.2	4.1
Nitrogen free extract (%)	63.4	63.2	65	59.9	55.5	52.5
Total digestible nutrient, TDN (calculated, %)	75	70	75	72	67	70
Metabolisable energy (cattle, MJ/kg)	13.1	12.2	13.1	12.5	11.7	12.2
Calcium (%)	0.2	0.25	-	0.21	0.2	-
Phosphorus (%)	0.54	0.52	-	0.52	0.32	-
Magnesium (%)	-	0.16	-	-	-	-
Copper (ppm)	34	28.5	-	18	-	-
Ferrous (mg/kg)	-	4.05	-	-	-	-
Manganese (mg/kg)	-	225	-	-	-	-
Zinc (mg/kg)	-	77	-	-	-	-

The table below details weight gains for cattle feed 100% PKC1 and PKC mixed diets

Feed diets	Breed of cattle	Daily weight gain (kg)
100% solvent extracted PKC	Zebu cross	0.793
100% solvent extracted PKC	Sahiwal Friesian crossbred	0.76
100% solvent extracted PKC	Local Kedah-Kelantan	0.56
100% expeller pressed PKC	Beef crosses	0.629
100% expeller pressed PKC	Local Kedah-Kelantan	0.338
100% low fat <sup>2</sup> expeller pressed PKC	Sahiwal Friesian crossbred	0.74

100% low fat expeller pressed PKC	Australian Commercial cross	0.6
50% solvent extracted PKC	Zebu cross	0.65
50% fodder grass		
50% solvent extracted PKC	Sahiwal Friesian crossbred	0.7
50% expeller pressed PKC		
60% solvent extracted PKC	Brahmam	0.79
40% POME		
60% solvent extracted PKC	Droughtmasters	0.83
40% POME		
60% expeller pressed PKC	Local Kedah-Kelantan	0.51
40% POME		
60% low fat <sup>2</sup> expeller pressed PKC	Sahiwal Friesian crossbred	0.59
40% POME		

Below are recommended mixture of Palm Kernel Cake

Feedstuffs	Percent in Mixture
Palm Kernel Cake	64.5
Ground maize	25.0
Soybean meal	8.0
Salt	1.0
Tricalcium phosphate	0.5
Limestone	0.5
Trace element vitamin premix	0.5

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