



ANIMAL FEED PRODUCT

We supply finest quality all Animal Feed Products directly from factory/mills.

Palm Kernel Expeller (PKE)		• Profat = 23%, Oil = 9% Moisture= 9% • Packing into 50kg Bags or Bulk • 21MT in 20FCL • Delivery in 7 Days • Price cheaper than PKP & Copra • Minimum Order : 5 FCL (105MT)
Palm Kernel Pellets (PKP)		• Profat=23%, Oil=3%, Moisture=4% • Packing into 50kg Bags • 20MT in 20 FCL • Delivery in 10 Days • Price cheaper than Copra • Minimum Order: 2FCL(40MT)
Copra Expeller		• Profat=29%, Oil=12%, Moisture=5% • Packing into 50kg Bags • 20MT in 20 FCL • Delivery in 10 Days • Price: Expansive in All. • Minimum Order: 2FCL(40MT)

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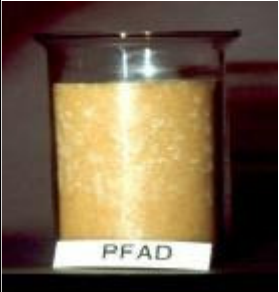


Yellow Corn Maze		• Profat=20%, Oil=4%, Moisture=9% • Packing into 50kg Bags or Bulk • 21MT in 20 FCL • Delivery in 10 Days • Price : Cheaper than copra, PKP • Minimum Order: 3FCL(60MT)
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We strongly recommend Palm Kernel Expeller for Animal feed due to its specification and comparison of price with other products however we are in position to supply all above products at highly competitive price.



PALM OIL PRODUCTS

RBD Palm Oil		• FFA = 0.1% Max, M+I = 0.1% Max, IV = 50.0% Min • Packing into 190kg Drums • 19MT in 20FCL • Delivery in 10 Days • Minimum Order : 1 FCL (19MT)
RBD Palm Olien		• FFA=0.1%Max, M+I=0.1% Max, IV=56.0% Min • Packing into 192kg Drums, 21MT Felxi Bags • 20MT in 20 FCL • Delivery in 6 Days • Minimum Order: 1FCL(20MT)
RBD Palm Stearin		• FFA=0.2%Max, M+I=0.13%Max, IV=50% Min • Packing into 185kg Drums, 20kg Cartoon • 19MT in 20 FCL • Delivery in 12 Days • Minimum Order: 1FCL(19MT)
Palm Fatty Acid Distilled (PFAD)		• FFA=0.06%Max, Water=0.05%Max, ULO=<100 • Packing into 190kg Drums, 17kg Tins • 19MT in 20 FCL • Delivery in 12 Days • Minimum Order: 1FCL(19MT)



COCONUT COPRA CAKE

Coconut Copra Cake is an excellent feed for animals rich in protein and oil contents. Due to its high protein content, copra expeller constitutes a valuable concentrated feed additive for mixed livestock feed. It is a particular favorite of dairy cattle, increasing the fat content of their milk and giving it a sweetish, nutty flavor and a yellow color.



LABORATORY ANALYSIS

Figure below illustrates the nutrient content analysis done for the meals of Copra Expeller. Analysis is done for the nutrients of protein, oil, fiber, carbohydrate and moisture. While the protein count of the copra expeller is much higher compared to PKE & PKP. Table provides a nutrient summary of the meal.

We guarantee our product having maximum Dirts & Shell upto 2% only.

Protein	Min	17%
Moisture	Max	5%
Oil Contents	Min	11%
Crude Fiber	Max	11%
Alfa toxin		Nil:0%

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PALM KERNEL EXPELLER

Palm Kernel Expellers are enriched in protein. Expellers are the byproduct of the milling of palm oil. The byproduct from palm oil mills is known as palm kernel expeller. Owing to its richness in energy, protein, oil and roughage, the expeller meal is suitably used as ruminant feed for growth and fattening of farming animal. In addition, the fueling demand for vegetable oil has made the palm kernel expellers and sufficiently available for the export market. Ranging from animal farmers who prefer to customize their feed to feed mills providing for poultry and cattle feed production, utilization of the expeller meal are in high demand in regions such as Europe, South Korea, Japan, Pakistan and the South East Asia.

Going Clump less! The Meal Choice

Original palm kernel expeller comes in clumps! These forms of expeller have an average size ranges from 5-10 cm, and is known as cake by the oil mills. Direct farmer-importers prefer the expeller to be smaller and more uniformed sized in order to feed animals directly; saving precious time and costs. Most importantly it is much favorable as an immediate high energy dairy cattle feed.

We listened and we present clump less! The expeller cake is subjected to additional processing of grinding, milling and filtered to offer the same high quality feed, only much smaller! With an average size of 1 mm, palm kernel expellers are of high energy and suitable for dairy cattle production.



Palm Kernel Expeller in Cake Form



Palm Kernel Expeller in Powder Form

LABORATORY ANALYSIS

Figure below illustrates the nutrient content analysis done for the meals of palm kernel expellers. Analysis are done for the nutrients of protein, oil, fiber, carbohydrate and moisture. While the protein count of the expeller meals are fairly similar, (15-18%), the fiber count is the highest in the palm kernel expellers. Table provides a nutrient summary of the meal.

Protein	Min	19%
Moisture	Max	9%
Oil Contents	Min	10%
Crude Fiber	Max	16%
Alfa toxin		Nil:0%

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PALM KERNEL PELLETS (PKP)

Palm Kernel De Oil Pellet (PKP) is a good economic feed for cattle, both for fattening and supplementary feeding. Although PKP supplies both protein and energy, it looked upon more as a source of protein. PKP by itself is a medium grade protein feed and with its high fibre content it is often consider suitable for feeding of ruminants. PKP was ranked a litter higher than copra cake. The main difference between the solvent extracted PKP and the Palm Kernel Expeller (PKE) pressed type is in the ether extract or oil content. The oil content of the PKP is low (2 3 %), while that in the PKE is higher (5-12%).



Excellent Feed for Ruminates

LABORATORY ANALYSIS

Figure below illustrates the nutrient content analysis done for the meals of Palm Kernel Pellets. Analysis are done for the nutrients of protein, oil, fiber, carbohydrate and moisture. While the protein count of the expeller meals are fairly similar, (15-18%), the fiber count is the highest in the palm kernel expellers. Table provides a nutrient summary of the meal.

Protein	Min	19%
Moisture	Max	3%
Oil Contents	Min	5%
Crude Fiber	Max	16%
Alfa toxin		Nil:0%



RBD PALM OIL

Appearance RBD palm oil is a light yellow liquid or semi-solid at room temperature, melting to clear yellow liquid on slightly heating. It is obtained by refining Crude Palm Oil.



Applications/Usage RBD palm oil is used by major food industries such as, instant noodles, snack foods and others for frying and Others food industries, such as, margarines, shortenings, ice cream, condensed milk, vanaspati, soap, etc.

Technical Specification

Parameter	Specification	Parameter	Specification
Free Fatty Acid (as Palmitic)	0.10% Max	Moisture + Impurities	0.10 % Max
Iodine Value (Wijs Method)	50.0 Min	Cloud Point (Celcius)	10.0 Max
Melting Point (Celcius)	33.0 - 39.0 Max	Peroxide Value (MEQ/KG)	1.0 Max
Color (5 quarter Lovibond Cell)	3.0 RED Max	Packing	Drums

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RBD PALM OLEIN / VEGETABLE OIL

Appearance RBD palm olein is a clear Golden yellow liquid at room temperature. It is obtained by fractionating RBD Palm Oil by separating liquid parts (olein) from solid parts (Stearin).



Applications RBD palm olein is also being used as frying oil by major food industries, mainly snacks and ready-to-eat foods etc. Also been used as a raw material for to produce margarines and shortenings.

Technical Specifications

Parameter	Specification	Parameter	Specification
Free Fatty Acid (as Palmitic)	0.10% Max	Moisture + Impurities	0.10 % Max
Iodine Value (Wijs Method)	56.0 Min	Cloud Point (Celcius)	10.0 Max
Melting Point (Celcius)	24.0 Max	Peroxide Value (MEQ/KG)	1.0 Max
Color (5 quarter Lovibond Cell)	3.0 RED Max	Packing	See Below

Packing 192 kg net drums, 21 mt Flexitank, 18 litre tins, 25 and 20 litre net jerrycans, PET bottles of 5litre/3litre/2litre/1litre/500ml/250ml

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RBD PALM STEARIN

Appearance RBD palm stearin fractionation of RBD Palm Oil by separating Olein from Stearin. RBD palm stearin is a white solid at room temperature, melting to clear yellow liquid on heating.



Applications RBD palm stearin mainly used in Margarine and Shortening Industries. Also consumed as a source for producing specialty fats for coating in confectionery. It's also used in soap and oleochemical industries.

Technical Specification

Parameter	Specification	Parameter	Specification
Free Fatty Acid (as Palmitic)	0.20% Max	Moisture + Impurities	0.13% Max
Iodine Value(Wijs method)	50.0 min	Cloud Point (Degree Celcius)	1.0 max
Melting point (Degree Celcius)	44.0 Max	Peroxide Value (MEQ/KG)	1.0 max
Color (5 quarter Lovibond Cell)	3.0 Red max	Min Order	25MT

Packing 185 KG USED STEEL DRUMS (INEDIBLE PURPOSE), AND 20 KG CARTONS

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RBD PALM STEARIN

Appearance Refined palm Kernel Olein is a fully refined, bleached, deodorized vegetable oil derived from the liquid fraction of the palm kernel oil and light in colour. The oil characteristics are similar as refined coconut oil but more liquid at ambient temperature. It has excellent flavour stability and storage quality. It contains lesser short chain constituents of C6, C8 and C10 compare with refined coconut oil.



Applications/Usage: RBD palm kernel olein can be used as cooking oil or as a base oil for the manufacturing of margarine. RPKOL has excellent keeping qualities and is strongly recommended for use in commercial frying of nuts, roasting of popcorns, candy making and cracker spraying. The hydrogenated product is also used to replace milk fat in ice cream making. Its industrial application includes the production of soaps, shampoo, detergents, cosmetics and lubricants. It is also used as a source of lauric and myristic acids production.

Technical Specification:

Parameter	Specification	Parameter	Specification
Acidity (% Oleic Acid)	0.06 Max	Water Content	0.050 %
Peroxide MEQ O2/kg Value	0.5 Max	Fusion Point (Celcius)	38 - 41.5
Color (5 quarter Lovibond Cell)	4.0 Y - 6.0 R	Consistency	Soft
Refraction Index	1.4635 - 1.4660	ULO	Less Than 100
NMP Total Coliforms	Less Than 3	Packing	200 Kgs

Packaging Palm Fatty Acid Distilled can be supplied in flexitank , in drum (190 kg) and in tins (17 kg or 15 kg).

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