

Organic Oil Seed Cake / Biomass Product Sheet

Premium Quality Agricultural Grade Feed & Organic Fertilizer

Product Visual Inspection

Multi-angle high-resolution grid showcasing texture, density, crystalline surface sheen, and fractured cross-sections of the processed oil cake.



General Specifications

Parameter	Specification Details
Product Name	Multi-Angle Refined Oil Cake (Khal / Biomass Cake)
Grade	Agricultural & Animal Feed Grade A-Grade
Appearance / Form	Compressed solid cakes / irregular fractured slabs with glossy natural oil sheen

Color	Deep golden brown to dark amber undertones
Moisture Content	< 8.5% max
Primary Application	Livestock nutritional supplement / Organic soil conditioner & fertilizer

Nutritional & Biochemical Composition

Nutrient Profile (Feed Use)

Crude Protein	32.0% – 36.5%
Crude Fat / Oil	6.5% – 9.0%
Crude Fiber	7.0% – 10.5%
Total Ash	< 6.0%

Fertilizer Profile (Organic Use)

Nitrogen (N)	~ 5.2%
Phosphorus (P ₂ O ₅)	~ 1.8%
Potassium (K ₂ O)	~ 1.3%
Organic Matter	> 85%

Key Advantage: Cold-pressed extraction technique preserves essential amino acids, residual natural oils, and slow-release organic nutrients without chemical solvents.

Usage Guidelines & Storage

1. For Animal Feed

Suitable for incorporation into cattle, poultry, and aquaculture feed formulations after proper grinding or blending. Consult local veterinary nutritionists for precise inclusion rates.

2. For Organic Farming & Horticulture

Can be applied directly as a soil amendment or fermented into organic liquid manure (Jeevamrutha / slurry). Acts as a natural soil conditioner enhancing microbial activity and earthworm population.

Storage Recommendations

Store in a cool, dry, well-ventilated area away from direct sunlight and moisture to prevent microbial growth or clumping. Keep sealed in breathable bags.