

Sunflower Seed Meal

Sunflower meal is the by-product of the extraction of oil from sunflower seeds. Sunflower meal is one of the major protein meals used for livestock feeding and particularly for ruminant diets, and under certain conditions for pigs and poultry. It is a valuable and safe product, whose protein, fiber and oil contents are highly variable and driven by variations of the oil extraction process. One particularly interesting trait of sunflower meal is the absence of intrinsic anti-nutritional factors: unlike other oil meals, including those of soybean, rapeseed or cotton, it does not require heating or special attention before being fed. Its amino acid profile is richer in sulfur amino acids, and particularly methionine than other protein sources, but its lysine content is much lower than that of SBM.



Guaranteed Analysis

Protein	34% Min.
Moisture	12% Max.
Fiber	21.0% Max.
Fat	0.5% Min.

Typical Analysis

Nutrient, based on 90% DM Value

Ash	6%
Crude Fiber	20%
Crude Fat	0.8%
Crude Protein	35%

Packaging

Loaded Bulk in 20'/40' containers (at seller's option)

Amino Acid Profile

Arginine	2.78 %
Cysteine	0.63 %
Lysine	1.25 %
Magnesium	0.67 %
Methionine	0.74 %
Phosphorus	0.95 %
Potassium	1.05 %
Threonine	1.22 %
Tryptophan	0.42 %
Valine	1.73 %

Energy Profile

Energy - TDN 2	64 %
Energy - NEG	35 mcal/cwt
Energy - NEM 2	65 mcal/cwt
Energy - ME (Swine)	1100 kcal/lb
Energy - ME (Poultry)	1000 kcal/lb