

Extruded/Expelled Soybean Meal

Product Profile

Product Description

Extruded/Expelled Soybean Meal (E/E Soybean Meal) is produced by mechanically extracting oil from whole soybeans. Soybeans are taken through an extruder/expeller process to remove a portion of the oil. The heat produced during the oil extraction increases the rumen undegradable protein of the remaining meal.

Soybeans are the most prevalent source of protein in North America. Solvent extracted soybean meal is the most widely used ingredient; it is used as a basis of comparison for nutrients and value for other protein products. E/E Soybean Meal offers the advantages of higher rumen bypass of the protein because of the heat of the process and a higher energy content because of the residual oil in the finished product. E/E Soybean Meal will have a darker color and a desirable roasted nut aroma; in addition, the product will be slightly coarser in texture with less dust than conventional, solvent extracted soybean meal.

Storage and Handling

E/E Soybean Meal is available in bulk, and as such stored in traditional bulk bins or flat storage facilities and handled accordingly. E/E Soybean Meal should have dry, insect-free storage.

Use and Application

Depending upon economic and proper nutritional considerations, E/E Soybean Meal may be used without major restrictions in properly-formulated livestock rations. As with other feedstuffs, E/E Soybean Meal must be properly supplemented with the necessary vitamins and minerals. The optimal use of E/E Soybean Meal is best achieved using programming techniques where favorable economic factors and other ingredient contributions may be properly assessed.

	DMB	As Fed
Dry Matter	100.0%	89.0%
Crude Protein	49.0%	47.0%
Fat	6.25%	6.0%
Crude Fiber	3.7%	3.3%
Calcium	0.33%	0.30%
Phosphorus	0.7%	0.6%
Ash	6.5%	5.8%
NFE	40.3%	35.9%
TDN	88.0%	84.5%
NE _L	1.0 Mcal/lb	0.96 Mcal/lb
NE _m	1.1 Mcal/lb	1.06 Mcal/lb
NE _s	0.8 Mcal/lb	0.76 Mcal/lb
DE (swine)	1.73 Mcal/lb	1.53 Mcal/lb

* Listed data are average values only and not considered as guarantees, expressed, or implied, nor as a condition of sale. For guaranteed specs refer to feed label. Crude Protein values may vary depending on shipment by truck or rail.

