



COMMODITY NUTRIENT PROFILE

CANOLA MEAL

DESCRIPTION

Canola Meal is obtained by subjecting the seed to a cleaning and warming process prior to extraction. In Canada, there are currently three types of canola extraction processes used: expeller pressing, solvent extraction, and prepress solvent extraction. Prepress extraction is a combination of the expeller/solvent method and is the most commonly used procedure. Where solvents are used in the processing, heat is applied after extraction to remove residual solvent from the meal. Canola Meal, is the residue left after the oil is extracted through one of the above methods.

USE AND APPLICATION

In Canada, Canola Meal on a per unit basis of protein is often the most economic source of this nutrient. Canola Meal is more palatable to livestock than the "old" rapeseed meals were, and is now very well accepted by the livestock industry and animal nutritionists.

Current Canola Meal maximum use levels, made by Canola Council of Canada, are: Beef and Sheep – all supplemental protein; Dairy Cows – 25% of concentrate; Pigs – 10-15%, and sole protein for breeder and finisher hogs. Producers wishing to employ higher use levels should obtain nutritional expertise. Newer Canola varieties and animal feeding trials may modify the above maximum levels.

As with all feedstuffs, Canola Meal, must be supplemented with the necessary vitamin and mineral constituent's necessary in a properly balanced ration. The optimal use of Canola Meal is best attained using linear programming techniques where the favorable economics and attributes of this feedstuff can best be utilized.

STORAGE AND HANDLING

Canola Meal is available in bulk and as such stored in traditional bulk bins and handled accordingly, or in farm application placed on cement slabs (covered and protected from the weather accordingly). Like all feedstuffs, Canola Meal should have dry, insect free storage.



TYPICAL ANALYSIS

	DMB	As Fed
Dry Matter	100.0%	94.0%
Crude Protein	37.4%	34.0%
Fat	7.4%	6.95%
Crude Fiber	16.5%	15.0%
Calcium	34.0%	31.0%
Phosphorus	1.15%	1.08%
Magnesium	0.59%	0.55%
TDN	74.0%	69.6%
NE _L	1.69 Mcal/kg	1.58 Mcal/kg
NE _m	1.75 Mcal/kg	1.64 Mcal/kg
NE _g	1.13 Mcal/kg	1.06 Mcal/kg
DE (swine)	3.26 Mcal/kg	3.06 Mcal/kg

* 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.



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