



OILSEED PRODUCTS N.Z. LTD

PRODUCT DATA SHEET

AUSTRALIAN CANOLA MEAL



Product Description

A green / golden grassy meal, Canola is a brassica of the same family as broccoli, cauliflower and mustard.

Canola Meal is a product obtained from Canola Seed Oil extraction. It is a valuable source of protein, energy and amino acids for animal feed.

In Australia, the meal is produced by either expeller or solvent extraction methods.

Protein and Energy

Canola Meal has a typical crude protein level of around 37 percent and up to 40 percent, depending on the production process. The protein in Canola Meal is between 30 to 35 percent rumen undegradable (bypass) depending on the production method used.

The protein in Canola Meal is fully available to cattle.

The metabolisable energy is directly related to the residual oil and gums in the meal. It typically ranges between 11 and 13 mega joules per kilogram of dry matter.

Product Features / Unique Benefits

— Australian Canola Seed has the lowest glucosinolate levels globally. Glucosinolates are recognised as detrimental to palatability, growth, and production.

— Australian Canola Seed has resulted in higher oil and protein seed varieties with thinner seed coats which lead to lower fibre and higher available energy levels.

— Canola Meal is fed principally as an excellent source of protein. It also, however, has a big reputation as enhancing appetites in lactating cows.

Feeding Levels

The product is best fed in a balanced ration.

Every environment is unique, but normal feeding rates for dairy cows would be around 0.5 – 2.0 kgs per day.

Canola Meal is slightly bitter so it can take a few days for dairy cows to accept the product after introduction.

Feeding Method

Can be mixed with silage and other feeds in the paddock or on a feed pad.

Storage

Like all feedstuffs, Canola Meal should be stored under cover in dry sheds, bulk bins, or concrete pads protected from the weather.

Typical Analysis (DM Basis)

Dry Matter	89%
Crude Protein	37 - 40%
Moisture	11%
Crude Fibre	10%
Neutral Detergent Fibre	24%
Acid Detergent Fibre	16%
Crude Fat	4 - 8%
Glucosinolates	2-5 micromoles/ gram

SUITABLE FOR FEEDING TO LACTATING DAIRY COWS AND GOATS

For Product availability and price, contact:

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