



## Rapeseed Meal - Extruded

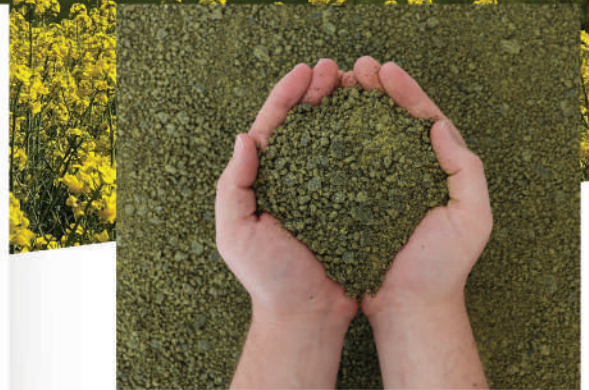
Pure Oil NZ sources "GE Free" oilseed rape from New Zealand arable farmers. Rapeseed (canola) meal is the co-product to rapeseed oil after the seed has been crushed at our process facility in Canterbury, New Zealand. Pure Oil NZ uses a cold pressing process which means no added chemicals or heat is applied during the oil extraction process. As we cold press regularly, meal is supplied freshly pressed which limits the degradation of fats, protein and minerals. To improve digestibility of the meal (and palatability) we extrude the cold pressed rapeseed meal before roller milling.

### Key Benefits

- Compatible and complimentary nutritional value with other ingredients when producing blended stock feed. The meal (higher oil) will assist to hold the finished product together if pelleted.
- Excellent protein supplement at 34-36% of dry matter, far exceeding traditional grains.
- Contains high levels of metabolisable (13Mj/kg+) digestible and net energy arising from residual oil content.
- Protein solubility of the extruded meal is high and therefore suitable for monogastric animals.
- Lower extraction temperature of the cold pressing process leaves amino acids such as lysine and methionine at higher levels as compared to heated and solvent extruded meals.

### Supply

Our protein meals are available on all business days and therefore customers can reduce storage requirements. We offer both short and long term pricing options. Meals are suitable to feed through a variety of grain and meal feed systems. Meals can be stored in silos. We offer meal supplied in 1000kg bulk bags as well as bulk deliveries.



Meal specification		
Nutrient	Unit	Measure
Moisture	%	7-9.5
Crude Protein	%	34-36
Oil	%	9-12
ADF	%	18
NDF	%	26
Ash	%	6
ME	MJ/kg DM	13+

Mineral Content		
Nutrient	Unit	Measure
Calcium	%	0.7
Phosphorus	%	1
Magnesium	%	0.5
Potassium	%	1.2

Amino Acid Content		
Nutrient	Unit	Measure
Glutamic	%	18
Cysteine	%	3.2
Methionine	%	2
Lysine	%	6
Threonine	%	4.4



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