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Cottonseed Meal

Indications

Cottonseed Meal is a high protein by-product left over from the extraction of oil, from whole cottonseed. There are two different processing methods used to extract the oil from the cottonseed, and they differ in the amount of oil (fat) they leave in the meal. The amount of oil left in the meal affects its energy value. This protein meal can be fed to all types of livestock, especially cattle.

Composition

Typical Analysis

Protein	43 %
Moisture	12 %
Fat (oil)	0.5 %
Crude Fibre	15 %
Free Gossypol	0.1 %

ME Cattle	11.77 Kj/Kg
ME Pig	11.74 Kj/Kg
ME Poultry	13.50 Kj/Kg

Directions for use

Use as directed by your Consultant Nutritionist.

Cottonseed meal is palatable and is commonly used in cattle and dairy rations

Suggested inclusion levels are as follows:

Cattle diets up to 20%

Sheep and Equine diets up to 10%

All pig diets up to 10%

Poultry Broiler diets 10% and Layer diets 5%

The amount of cottonseed that can be included in diets for pigs and poultry is dependant on the level of gossypol and cyclopropanoids present in the meal. Pigs and poultry can be fed diets containing up to 0.01% free gossypol with safety and without fear of gossypol toxicity.

Discussion

Cottonseed meal / pellets are made from meal obtained from the expelling and solvent extraction of cottonseed (*Gossypium hirsutum*) Cottonseed meal in Australia is of two types depending on the process of oil extraction. Screw-press or expeller cottonseed meal, and pre-press solvent extracted meal.

Cotton seed meal contains a number of deleterious substances, the most important of which are gossypol and the cyclopropanoids. These substances, if ingested in large enough quantities, can affect livestock performance. Both meals vary in their gossypol content, with the expeller meal containing approximately 0.07% and the solvent extracted meal 0.05%.

Storage Store in a cool dry place. Store out of direct sunlight.

Expiry after Manufacture 6 months

Pack Sizes 40 kg bags (1200 kg per pallet) Or 1000kg Bulka Bags

Or Bulk Tipper Trailers

