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**Rama Industries**

Manufacturer & Exporter of Guar Gum Split & Powder  
Government Recognised Export House Status

**P R O D U C T P R O F I L E**

**Guar Meal 40%**

**High Protein Natural Plant for Animal Feed**

**Typical Properties**

GRADE	GUAR MEAL 38%	GUAR MEAL 40%
MOISTURE	10.0 + 2.0%	10.0 + 2.0%
CRUDE PROTEIN	40.0 + 2.0%	40.0 + 2.0%
OIL	4.0 + 1.0%	4.0 + 1.0%
FIBER	14 % MAX	14 % MAX
ASH	5.0 + 1.0%	5.0 + 1.0%
CHO (NFE)	40.0 + 2.0%	40.0 + 2.0%

**Typical Analysis For Amino Acid In C40 %**

Lysine	3.30%	Methionine	0.61%
Methio + Cystine	1.00%	Threonine	1.30%
Arginine	6.00%	Glycine	2.50%
Glycine + Serine	4.70%	Histidine	1.40%
Isoleucine	1.00%	Leucine	2.40%
Phenylalanine	1.50%	Valine	1.00%
Aspartic Acid	4.60%	Glutamic Acid	8.80%
Proline	1.70%	Alanine	1.60%
Tyrosine	2.10%	Tryptophan	0.52%

**Technical Information**

Processed Guar Meal (Fodder) is a high protein feed stuff. It is widely used as partial substitute of soy beans meal.

It is processed by toasting at high temperature to remove natural trypsin inhibitor. Thus enhancing its nutritive value and digestibility.

**It's Advantages :-**

- Free From Salmonella & Aflatoxin & E. Coli
- Free Flowing
- Can Be used as a binding agent
- 100% Non-GMO product
- Contains minimum 45% of "0

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## **Guar Meal 40%:**

### **RICOL GUAR MEAL High Protein Natural Plant for Animal Feed**

Processed Guar Meal (Fodder) is a high protein animal and poultry feed stuff. Guar Meal is the by-product obtained after guar gum is extracted from the guar seed (*Cyamopsis Tetragonoloba*) of leguminous plant. It is processed by toasting at high temperature to remove natural trypsin inhibitor. This enhances its nutritive value and digestibility. It is rich in protein and carbohydrates, and is a 100% natural agricultural product without the addition of any chemicals or preservatives, Non-GMO product. Processed guar meal (Fodder) can be used either in conjunction with other feed stuffs or by itself, as it is a complete nutritional feed.

### **Advantages of processed Guar Meal (FODDER)**

- It is free from Salmonella, Aflatoxine & E. coli, which often infects cottonseed meal.
- It is free flowing and therefore can be stored in silos, and does not create any problems in discharge.
- It is completely non-flammable.
- It contains an average of minimum 45% O & A (Oil & Albuminoid)
- It can be used as a binding agent for palletizing other feed compounds due to the presence of residual gum.
- 100% Non-GMO product

## **Study Conducted at University of Agriculture, FAISALABAD (Department of Animal Nutrition)**

The bellow studies in guar meal to broiler chick, 4 to 12% rations in 2 Experiments. Both showed that birds grew better and gained good weight when fed with guar meal and no harmful effect up to 12% in broiler rations.

1. Good source of CP	: - 90.45% as true protein
2. NFE (Soluble Carbohydrates)	:- 40%
3. Crude Fiber Content	: - 10%
4. ADF ( Acide Detergent Fiber )	:- 13.50%
5. NDF (Natural Detergent Fiber)	:- 19.8
6. GE (Gross Energy)	:- 4280 Kcal/Kg
7. AME (Apparent Metabolizable Energy)	:- 57.16%
8. TME (True Metabolizable Energy)	:- 3826 Kcal/Kg

## **Technical Information**

Processed Guar Meal (Fodder) is a high protein feed stuff. It is widely used as partial substitute of soya beans meal.

### **It's Advantages:-**

- Very Good binder, give solid pallet
- Increase throughput > 10%
- High protein meal at > 20% lower in price
- Free From Salmonella & Aflatoxine & E Coli
- Free Flowing
- 100% Non-GMO product
- Contains minimum 45% of ‘‘ O & A ‘‘

### **Dosage:-**

- Poultry :- 5-7 %
- Swine :- 5-7 %