



## FEATHER MEAL

### Guaranteed Analysis

Crude Protein.....	82.00%	Minimum
Crude Fat .....	2.50%	Minimum
Crude Fiber .....	1.50%	Maximum

### Typical Analysis

Protein .....	84.00%	
Fat .....	3.30%	
Fiber .....	1.50%	
Calcium (Ca) .....	0.25%	
Phosphorous .....	0.80%	
Ash.....	3.50%	
T.D.N. ....	64.00%	
Pantothenic Acid .....	3.60	Mg./Lb.
Riboflavin .....	0.90	Mg./Lb.
Niacin .....	7.60	Mg./Lb.
Choline .....	600.00	Mg./Lb.
Metabolizable Energy .....	1070	Cal/Lb.

### Amino Acids

Arginine .....	5.60%
Methionine .....	0.42%
Tryptophan .....	0.57%
Lysine .....	1.700%
Cystine .....	4.00%
Glycine .....	6.80%

FEATHER MEAL is the product resulting from the treatment under pressure of clean, undecomposed feathers from slaughtered poultry, free of additives, and/or accelerators. Not less than 80% of its crude protein content consists of "digestible protein".

FEATHER MEAL is used as partial replacement of protein sources, chiefly in poultry and swine feeds. The common addition is from 5% to 8% in finished feeds.

## BLOOD MEAL

### Analysis

Crude Protein.....	80.00%
Fat .....	1.00%
PROFAT .....	81.00%
Fiber .....	1.00%
Calcium (Ca) .....	0.30%
Phosphorous (P) .....	0.50%

### Energy Activity in Poultry

Productive Energy .....	1010	Cal/Lb.
Metabolizable Energy .....	1280	

### Vitamin Content

Riboflavin .....	0.65	Mg/Lb.
Niacin .....	14.00	Mg/Lb.
Pantothenic Acid .....	0.50	Mg/Lb.
Choline .....	340.00	Mg/Lb.

### Amino Acids

Arginine .....	3.20%
Lysine .....	6.90%
Methionine .....	1.00%
Cystine .....	1.40%
Tryptophan .....	1.05%
Glycine .....	4.40%

BLOOD MEAL, or dried blood, is made from the blood collected at packing plants. It is first heated until it is coagulated; the water is then drained off; and finally, the solid residue is dried and ground.

BLOOD MEAL is chiefly used as an ingredient in "Calf Starter" or calf meals, for raising calves on a minimum of milk.

