

Pronate®

FERMENTED SOLUBLES (FS) FOR FEED

Usage of Fermented Soluble (FS) powder is gaining popularity among the animal feed manufacturers as, FS Powder offers many advantages.

About Ferment by Products:

Fermented Soluble (FS) is manufactured using byproducts from Biological Fermentation industries; which are employed in Amino Acids production, food and feed additive manufacturing. It can effectively replace costly protein ingredients and save considerable cost on feed manufacturing. Fermented soluble is rich in nutrition like, protein with good AA profile, minerals, energy and UGF. Apart, they are free from pathogens and less in fiber.

Composition:

Protein: 60%

Energy (Aprox):4000 KCal

Moisture: 10% Max

Free from Urea, Dioxin, and Melamine.

Feature of the Product:

Dry, free flowing Granules

Compatible with all feed ingredients.

Easily storable.

Advantages of Fermented Soluble Protein:

- FS is rich in protein, especially essential AA, especially in Lysine, Glutamic Acid.
- FS is a quality protein supplement with eighteen Amino Acids.
- FS is rich in vitamins specially Fat Soluble Vitamins.
- FYP is rich in variety of trace minerals in chelated form.
- Enhances immunity, reduces disease incidences by adsorption of certain pathogenic factors in the digestive tract.

Recommended Dosage:

- Poultry: 2-3%

Partial replacement of Soya DOC and Fishmeal can be done. Start replacing with 1% and increase by 1% every week till 3%

Shelf Life: 18 months

Packing: 25 Kgs

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Amino Acid Profile of Fermented Soluble

Amino Acid	%
Threonine (THR)	2.74
Glutamic Acid(GLU)	11.06
Glycine(GLY)	2.70
Alanine(ALA)	5.69
Cysteine(CYS)	0.32
Valine(VAL)	4.01
Methionine(MET)	1.39
Isoleucine(ILE)	2.35
Leucine(LEU)	5.29
Tyrosine(TYR)	1.1
Phenylalanine(PHE)	2.38
Lysine(LYS)	2.25
Histidine(HIS)	1.02
Arginine(ARG)	3.04
Proline(PRL)	1.91

Example 1					
You Remove	%	Qty / MT	Total protein Removed	Price / KG	Total amount
Soya DOC(CP 45%)	3.5	35	15.75	36	1260
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Pronate (CP60%)	2.5	25	15	41	1025
DORB (CP 9%)	1	10	0.9	13	130
Total	3.5	35	15.9		1155
Net Saving per MT of Feed					105

Example 2					
You Remove	%	Qty / MT	Total protein Removed	Price / KG	Total amount
Soya DOC(CP 45%)	2	20	9	36	720
You Add					
Pronate (CP60%)	1.5	15	9	41	615
DORB (CP 9%)	0.5	5	0.45	11	55
Total	2	20	9.45		670
Net Saving per MT of Feed					50