

Manufactured in ISO & GMP Certified Company



RISE BEYOND

# ANIMAL FEED SUPPLEMENT



## HIGH PRO FAC

(Bypass Fat encapsulated Bypass Protein)

High Pro Fac is a balanced combination of rumen-protected fat rumen-bypass protein, to improve milk yield, milk fat & milk protein (SNF) content. This is not a blended product by simply blending Bypass Fat & Deoiled Cakes (DOC) or Maize Gluten meal. This product is manufactured by cooking DOC or any protein source at around 100 to 120 degree temperature which triggers Maillard reaction and at the same time it is saponified with fatty acids and calcium. So, end product is a combination of Rumen Protected Fat & Rumen Protected Protein.

Saponifying & cooking DOC or any protein source (High Pro Fac Technology) converts natural rumen-degradable protein into high quality undegradable (80% Bypass) protein. Besides cooking makes protein more digestible or bio available (95% Digestibility) once it bypasses through Rumen.

### BENEFITS

**3 in 1 product:** Benefits of Both Bypass Fat, Bypass Protein & Organic Calcium in one single product.

High bypass rate.

Highly digestible protein, fatty acids & calcium to increase Milk yield, Milk Fat & Milk Protein (SNF).

**Flexible technology:** Bypass Protein can be manufactured from any kind of naturally available local protein source. Product can be customised for required Protein & Fat content.

### DOSAGE

As suggested by Animal Nutritionist.

### Nutritional Profile

Specification of Rapeseed based High Pro Fac: **HIGH PRO FAC' Rapeseed**

<b>Protein</b>	: 20% to 23% (Bypass rate: 80%)
<b>Fat</b>	: 40% to 30% (Bypass rate: 75%)
<b>Calcium</b>	: 2% to 3%
<b>Appearance</b>	: Brownish colour dry free-flowing granular product.
<b>Odour</b>	: Typical of soap & rapeseed meal
<b>Solubility</b>	: Not Soluble in water.
<b>Thermo-Stability</b>	: Stable at pelleting temperature.

**Usage:** For Animal Feed Application. Can be used in Compounded Pellet Feed, Mash Feed, TMR, Mineral Mixture & Dry fodder etc.

**Application Method:** Mixing into Solid Animal Feed or Feed Supplements.

Specification of Maize-Gluten based High Pro Fac:

**HIGH PRO FAC' MaizeGluten**

<b>Protein</b>	: Min. 30% (Bypass rate: 80%)
<b>Fat</b>	: Min. 35% (Bypass rate: 75%)
<b>Calcium</b>	: Min. 3.5%
<b>Appearance</b>	: Yellowish colour dry free-flowing granular product.
<b>Odour</b>	: Typical of soap & Maize Gluten
<b>Solubility</b>	: Not Soluble in water.
<b>Thermo-Stability</b>	: Stable at pelleting temperature.

**Usage:** For Animal Feed Application. Can be used in Compounded Pellet Feed, Mash Feed, TMR, Mineral Mixture & Dry fodder etc.

**Application Method:** Mixing into Solid Animal Feed or Feed Supplements.

**This product is free from Chloramphenicol, Nitrofurans, Antibiotics & Melamine**

Manufactured by:



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# METTLE CHEM

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