



Composition profile

Crude Protein	min.	45.00 %
Crude Fat	max.	4.00 %
Crude Fiber	max.	8.00 %
Ash	max.	8.00 %
Moisture	max.	12.00 %
KOH Protein Solubility	min.	66.00 %

Amino Acid profile

Lysine	2.80 %	Valine	2.59 %
Methionine	0.55 %	Histidine	1.44 %
Cystine	0.55 %	Arginine	3.92 %
Threonine	1.92 %	Alanine	2.90 %
Leucine	3.88 %	Serine	3.32 %
Isoleucine	2.36 %	Glycine	4.00 %
Phenylalanine	2.59 %	Proline	2.67 %
Tryptophan	0.65 %	Tyrosine	1.93 %

Antinutritional Factor Analysis

Trypsin inhibitors	< 2 mg/g
Urease Activity	0.01 (Δ pH Index)
Glycinin	< 5 mg/g
B-conglycinin	< 2 mg/g
Lectin	< 2 ppm
Oligosaccharide	< 1%

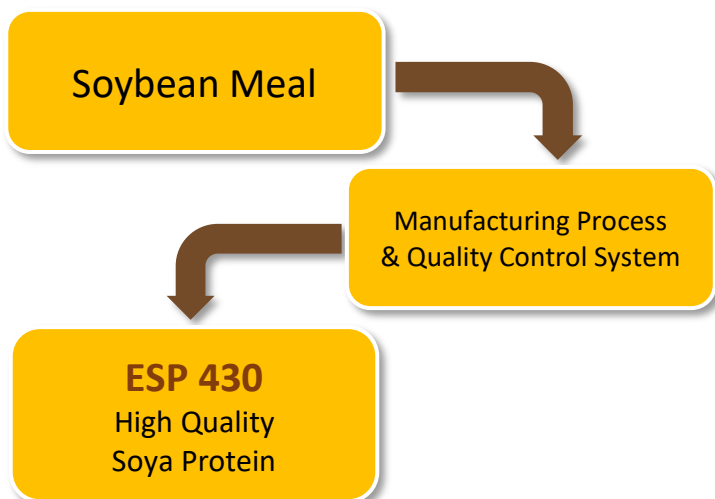
Usage

Sows 5-10% in feed formula

Gross Energy (GE)	3,907 kcal/kg
DEs (swine)	3,360 kcal/kg
MEs (swine)	3,060 kcal/kg
NEs (swine)	2,150 kcal/kg

Lactic acid	4.50 %
pH	4.5 – 5.0
Digestibility	90 - 95%
(in Vitro, Pepsin-Pancreatin method)	
Particle size: 95% (Particle size 100-500 micron)	

Appearance	Yellow-brown powder
Package	Laminated PP woven bag
Shelf Life	Min. 12 months when stored dry and cool in unopened bag

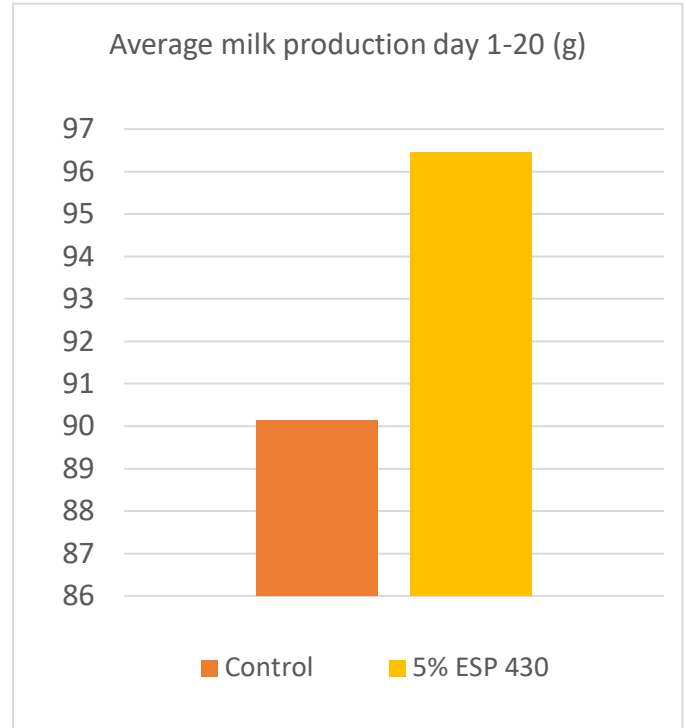
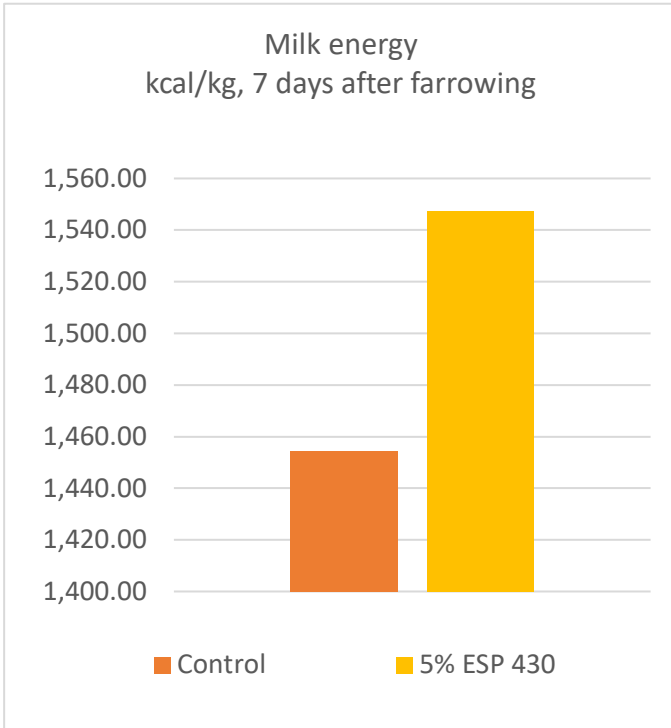


ES

Evershining

Feed Ingredient

ESP 430



Charts above illustrate that 5% **ESP 430** generates higher milk production at an average of 96.45g per day, and also helps increase Sow's milk energy after farrowing. As a result, piglet weight is significantly different from the Control at above 1kg after weaning 21 days.



CERTIFIED
ISO 9001



✓ Certified GHP, HACCP, GMP+
✓ Certified ISO 9001:2005

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