Protein for the Next Generation of Animal Nutrition

Feeding the growing world population is becoming increasingly more complex. It is estimated that global consumption of livestock, poultry and fish will double by 2050. To meet these needs, producers will have to find more efficient, sustainable and cost-effective solutions to feed their animals. Our solution is NexPro™, a next-generation protein ingredient derived from the dry-mill ethanol production process. NexPro™ is a 50 percent protein product containing 25 percent yeast. NexPro™ protein ingredient has an improved amino acid profile compared to other corn-based alternatives. It is highly digestible, and has excellent energy values, delivering key nutrients ideal for a variety of pet food, aquaculture, swine, poultry and dairy feed applications. We have built our reputation on quality and reliability. When you evaluate protein ingredients, choose NexPro™ for your feed formulation needs.

WHY CHOOSE NEXPRO?

- Consistent product quality
- Offers great digestibility and amino acid profile
- Provides a good source of lysine and methionine
- Utilizes a patented process tested in operation for more than five years
- A cost-competitive alternative to other high-protein ingredients
- Proven to demonstrate value in more than a dozen feeding studies
- Excellent shelf life

NexPRO™

NUTRITIONAL CONTENT
(By percentage)

Dry Matter	93.00
Crude Protein	50.10
Crude Fat	3.11
Crude Fiber	5.50
Ash	4.0
Phosphorus	1.19
NDF	33.0
ADF	13.0
Lysine	2.01
Methionine	1.01
TSAA	1.88
Threonine	2.00
Tryptophan	0.43
Phenylalanine	2.57
Valine	2.87
Leucine	5.57
Isoleucine	2.19
Histidine	1.33
Arginine	2.30

DIGESTIBILITY FOR SWINE PRODUCERS

In separate digestibility studies for swine, NexPro produced positive results.

SWINE DIGESTIBILITY

In our energy metabolism study for swine, eight barrows were used per treatment, with an initial weight of 16.5 kg. Pigs were fed twice daily to provide 3.2 times the maintenance energy requirement. The ileal amino acid digestibility experiment used eight barrows, average initial weight of 37.1 kg, in a Latin square experimental design. Digestibility was calculated using procedures of Stein et al. (2007).

NUTRIENT	APPARENT ILEAL DIGESTIBILITY	STANDARDIZED ILEAL DIGESTIBILITY
DE, Kcal/kg	3751	
ME, Kcal/kg	3504	
Lysine	56.0%	61.4%
Methionine	81.7%	83.8%
Cysteine	67.2%	72.7%
Threonine	61.8%	69.7%
Tryptophan	74.8%	80.6%
Phenylalanine	77.4%	80.9%
Valine	68.9%	74.0%
Isoleucine	70.5%	74.9%
Histidine	76.0%	80.0%
Arginine	74.8%	80.9%

BRING NEXPRO TO YOUR BUSINESS

Ready to take the next step and bring NexPro to your business? Simply contact our sales team at **NexProSales@fhr.com**.