



# 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



## 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 POULTRY PRODUCERS

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



### POULTRY DIGESTIBILITY

In our poultry digestibility study, a precision-fed rooster assay was utilized to determine amino acid digestibility. Due to the high protein and yeast content, NexPro was diluted 50:50 with corn. Results are averages from three separate lots of material. Energy values were determined using the nitrogen-corrected true metabolizable energy (TME<sub>n</sub>) procedure.

NUTRIENT	ILEAL DIGESTIBILITY
TME <sub>n</sub> , Kcal/kg	3326
Lysine	80.3%
Methionine	91.5%
Cysteine	82.5%
Threonine	85.1%
Tryptophan	85.9%
Phenylalanine	90.9%
Valine	86.6%
Isoleucine	88.9%
Histidine	90.4%
Arginine	92.5%

### 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](mailto:NexProSales@fhr.com).