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CJ BIO to unveil NewtriSolution digital feed formulation platform at EuroTier 2026

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South Korean biotechnology company introduces integrated animal nutrition tools to optimise feed formulations, assess profitability and estimate carbon emissions



South Korea-based CJ BIO is set to introduce NewtriSolution, a web-based animal nutrition consulting platform, at EuroTier 2026 in Hanover, Germany, from November 10 to 13. The platform is designed to help feed manufacturers and livestock producers address raw material variability, fluctuating ingredient costs and increasing environmental requirements.

Developed using CJ BIO's research and expertise in amino acid nutrition, NewtriSolution integrates ingredient analysis, feed formulation, precision nutrition and economic assessment into a single digital platform. The system enables users to evaluate feed ingredients based on nutritional requirements, potential animal performance, environmental considerations and production costs.

The platform incorporates five specialised tools across three key areas: feed design, profitability and analysis.

Under feed design, FeedXplorer combines a Least Cost Simulator (LCS) for cost-efficient feed formulation with a Carbon Emission Simulator (CES) that estimates ingredient-related carbon emissions using information on raw material origins and transportation.

The REQ tool focuses on precision amino acid nutrition for pigs, providing recommendations based on growth stages and production targets, including daily weight gain and feed conversion efficiency.

For profitability assessment, the BCAA Calculator evaluates the balance of branched-chain amino acids, including valine, isoleucine and leucine, while simulating their potential effects on growth performance and economic returns.

The ROI Simulator enables feed manufacturers to compare nutritional strategies by assessing potential animal performance and profitability at different nutrient inclusion levels.

The platform also features InsightLab, which provides laboratory-based analysis of feed ingredients and additives, including their characteristics during feed processing, gastrointestinal digestion and interactions with gut microbiota.

According to CJ BIO, the five tools are designed to support coordinated decision-making throughout the feed formulation process, connecting digital analysis with technical consulting services. The platform also facilitates information sharing and communication between the company and its customers.

The introduction of NewtriSolution forms part of CJ BIO's efforts to expand its digital animal nutrition capabilities and support data-driven feed formulation in the global livestock industry.