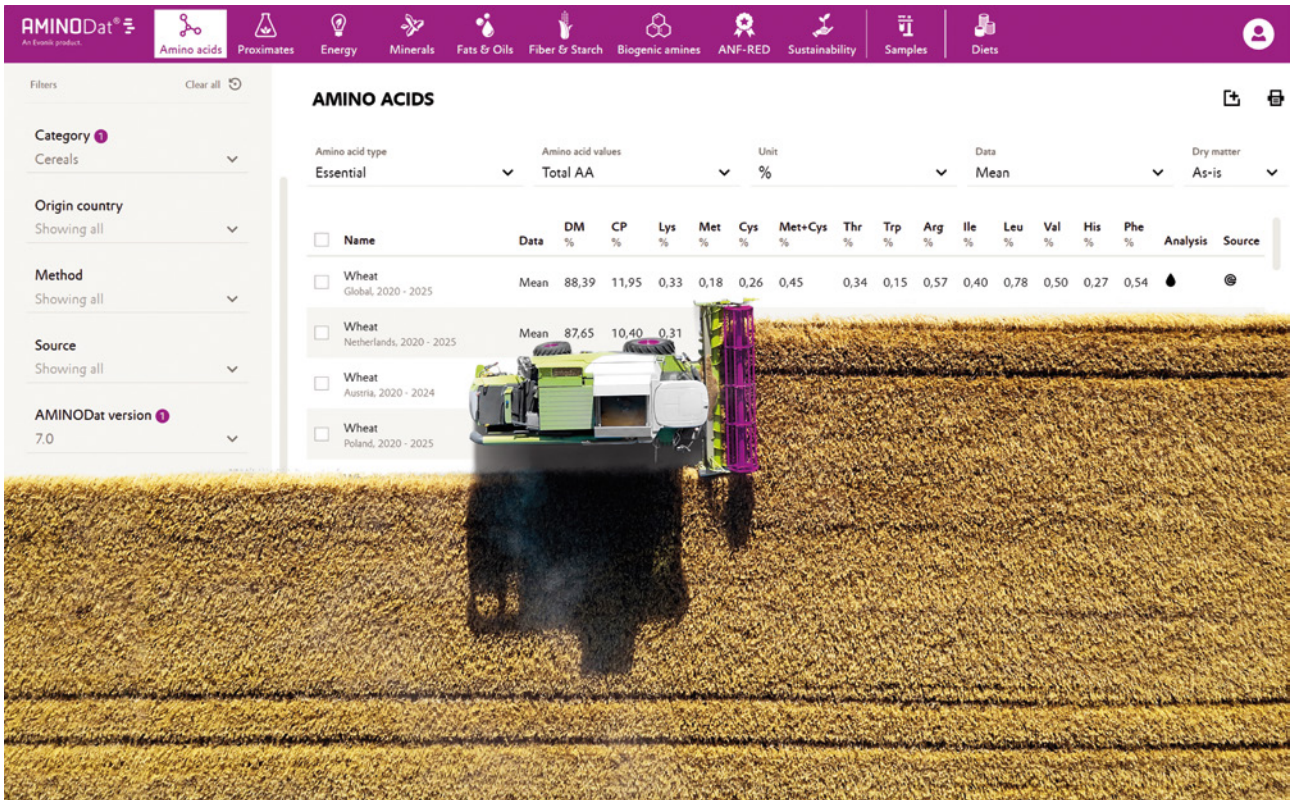
AMINODat®

TURN DATA INTO PRECISION. TURN PRECISION INTO PERFORMANCE.

The world's most comprehensive feed ingredient database for accurate, efficient, and sustainable nutrition

AMINODat®



EVONIK
Leading Beyond Chemistry

With AMINODat®, improve nutrient efficiency and reduce waste through precise, data-driven formulation.

MASTERING FEED VARIABILITY FOR BETTER PERFORMANCE AND EFFICIENCY

Feed ingredients are inherently variable — influenced by origin, crop conditions, processing, and time.
These fluctuations directly affect nutrient composition, making consistent and accurate feed formulation increasingly difficult.



THE KEY CHALLENGES

- Significant variation in raw material quality across regions and seasons
- Reduced formulation accuracy due to reliance on average values
- Higher feed costs due to safety margins and overformulation
- Increasing pressure to improve sustainability and reduce nutrient losses

What's missing is reliable, realworld data that reflects actual variability.

WHY DATA QUALITY MATTERS

Precision nutrition is not about more data — it's about better data. AMINODat® enables nutritionists to turn variability into a measurable and manageable factor, ensuring that feed formulations reflect real conditions rather than assumptions. With continuously updated global datasets, it provides the foundation for more confident, data-driven decisions — moving from uncertainty to control.

AMINODat® transforms feed formulation by converting complex raw material variation into actionable insights for precise, cost-efficient nutrition. The database is updated across global markets and continuously updated with real-world sampling data.

A global database with over 1.6 million ingredient samples

More than 97 million nutrient datapoints

Supports data-driven decisions for accurate, cost-efficient, and sustainable feed formulation.

COMPREHENSIVE NUTRIENT COVERAGE – IN ONE POWERFUL PLATFORM

AMINODat® combines unmatched scale with continuous data validation to provide a robust and reliable foundation for precision feed formulation. Through ongoing global sampling across crops, regions, and processing conditions, the database reflects real-world variability rather than static averages.

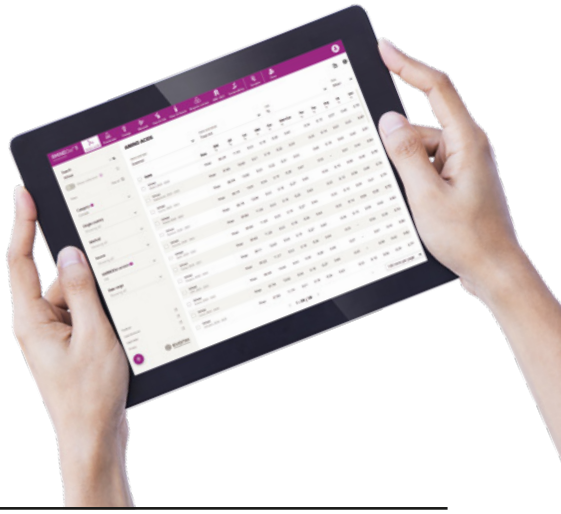
With global, regional, country-level, and even US state-level insights, AMINODat® allows users to work with data tailored to their specific conditions. Combined with full statistical transparency, this enables a deeper understanding of ingredient quality.This level of accuracy reduces the need for safety margins, minimizes over-formulation, and ultimately supports lower feed costs, more predictable animal performance, and improved nutrient efficiency.

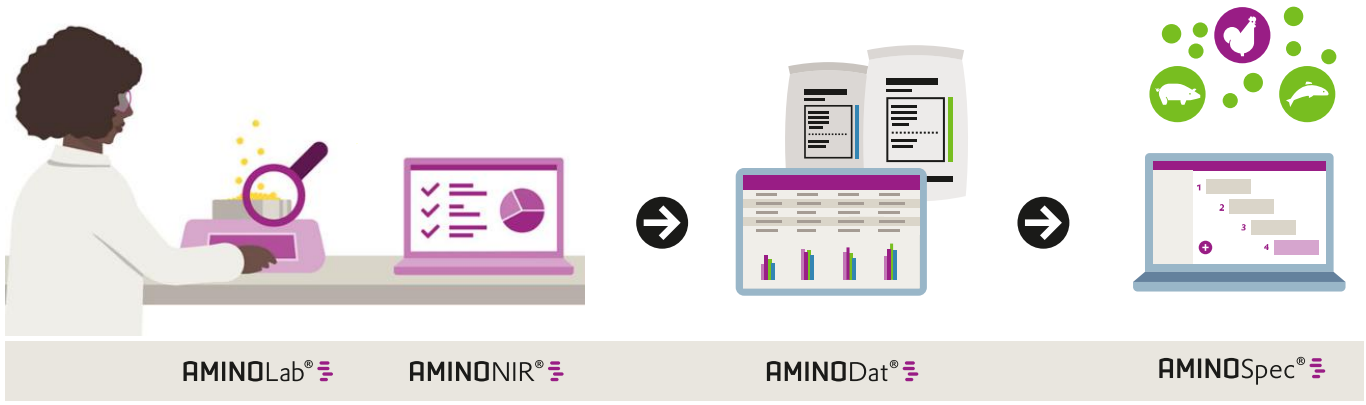


FROM INSIGHT TO IMPACT — INTERACTIVE TOOLS THAT DRIVE SMARTER DECISIONS

AMINODat® goes beyond data by offering powerful interactive tools that turn information into action. Users can filter and compare datasets across regions, time periods, and ingredients to identify variability, trends, and outliers, while benchmarking their own data against global references.

The platform also enables the creation of customized datasets by integrating AMINOLab® and AMINONIR® results, ensuring data reflects real-world conditions. Advanced diet formulation and evaluation tools allow users to identify nutritional gaps, compare formulations, consider the impact of raw material variation on safety margins and optimize the nutritional profile to ensure optimal raw material usage and animal performance. AMINODat® is made to optimize decisions across formulation, procurement, quality control, and sustainability.





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Animal Nutrition Business Line

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Learn more about AminoDat®

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