LayerSim

nutriopt



NutriOpt LayerSim

Evaluate the gaps. Decide with confidence.

Learn more, visit
www.trouwnutrition.com

trouw nutrition
a Nutreco company

LayerSim



Unlock clearer, more confident nutrition decisions in egg production.

Egg production operates in a complex and highly variable system.

Shifts in flock performance, changing ingredient quality, rising feed costs, and increasing expectations around efficiency, market demands, and sustainability all place growing pressure on nutrition decisions. At the same time, small adjustments in nutrition can have a significant impact on egg weight, performance consistency, and profitability.

What is NutriOpt LayerSim?

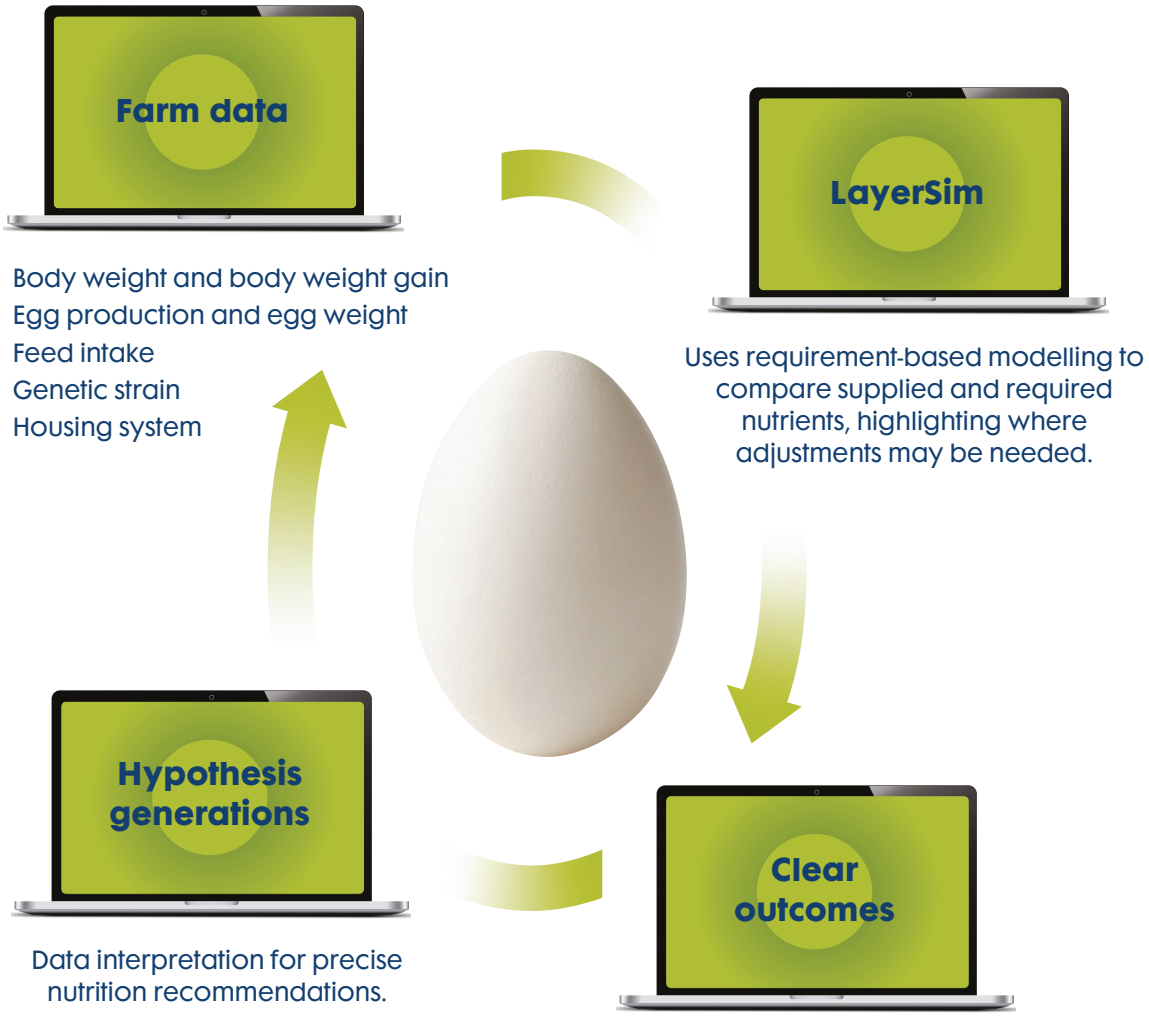
NutriOpt LayerSim is a dynamic, requirement-based decision-support tool designed to help nutritionists make clearer, more confident nutrition decisions in layer production.

Powered by Trouw Nutrition's expertise and NutriOpt platform, LayerSim translates actual layer performance into precise nutrient requirements and compares these requirements with what the current diet supplies.

Rather than relying on static nutrient matrixes and safety margins, LayerSim provides transparent insight into nutrient gaps, over/under supply, and phase-specific needs, enabling better-timed and better-justified decisions



How It Works



- Body weight and body weight gain
- Egg production and egg weight
- Feed intake
- Genetic strain
- Housing system

Uses requirement-based modelling to compare supplied and required nutrients, highlighting where adjustments may be needed.

Data interpretation for precise nutrition recommendations.

Metabolisable energy, crude protein, essential digestible amino acids.

By combining data inputs and collaborative workflow with our experts, NutriOpt LayerSim provides you with:

- Essential amino acids and energy recommendation
- Benchmarking, nutrient density versus genetic potential and performance level
- Selection of the feed phase to match the performance
- Track the flock performance versus genetic potential and requirement vs nutrient intake

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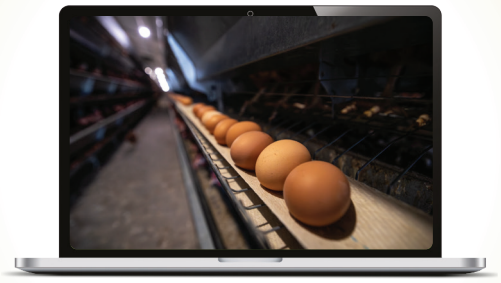
What NutriOpt LayerSim Delivers for Your Business?

Clary when feed phase matter most

LayerSim comparing the actual requirements from the existing feed program, it shows which feed best matches the birds' needs at each stage of production.

See what truly drives performance in your flock

NutriOpt LayerSim reveals nutrition gaps by comparing actual requirements with supplied nutrients, helping you act confidently as performance and needs change across production phases.



Precision nutrition that supports sustainable production

Aligns nutrient supply with flock needs to avoid under- or oversupply, reduce safety margins with confidence, improve nutrient efficiency across phases, and minimize losses—supporting more sustainable egg production.

Proof & Credibility: Knowledge You Can Trust

NutriOpt LayerSim is built on decades of Trouw Nutrition experience in layer nutrition and egg production.

The model is grounded in:

Backed by scientific expertise in layer nutrition.

Supported by specialist who understand production reality

Continuous learning from real world flock data

Proven result

Low average error (6.5%) and strong precision (96%) support consistent advisory decisions.

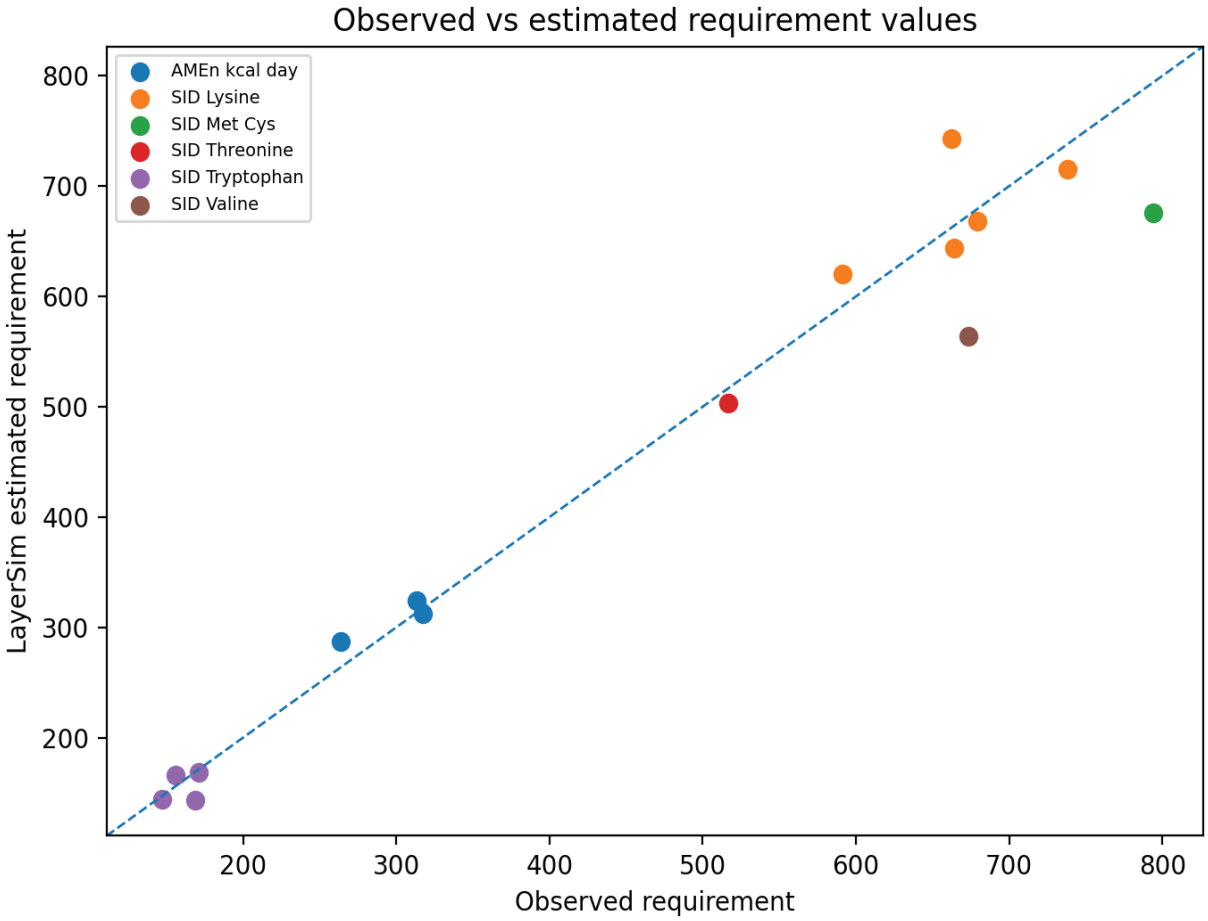


Figure 1: Agreement between observed and LayerSim estimates

Note: *As NutriOpt LayerSim continues to expand, more quantitative results will be published. Ask your Trouw Nutrition representative for the latest trial data relevant to your region or operation.*

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How Collaboration Works:
Your NutriOpt LayerSim Experience



1. Discovery & Understanding

We start by listening. Our Trouw Nutrition experts meet with you to understand your unique goals, challenges, and production context.



2. Genetic performance-driven analysis

Using your flock data, we assess nutrient requirements and identify gaps or opportunities.



3. Personalised Recommendations

You will receive a clear, transparent recommendations and insights, customised to your flock genetics to support nutrition, feed phase and performance decision.



4. Ongoing Partnership

Our support doesn't end with a report. Trouw Nutrition experts remain by your side, supporting you on implement changes, follow-up and track results in efficiency and performance.

Is NutriOpt LayerSim Right for You?

NutriOpt LayerSim is for egg producers and nutritionists who want to:

- Move beyond static formulation
- Take the trial and error out of nutrition decision-making
- Maintain performance consistency
- Support sustainability through precision nutrition

Contact your **Trouw Nutrition representative** to explore more about NutriOpt LayerSim.

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