

Neutrally tested quality.
Practice-driven test methods.
Attractive awards.



**CONTINUOUS
MONITORING**
✓ **Reduced N/P levels**
DLG Certifikate 0000

DLG-tested animal feed

Quality assurance and reliability
along the value chain

DLG quality seals: the label for better quality in the feed market

The requirements for animal feed increase as the requirements for animal husbandry become more complex. Animal feeds not only ensure that nutritional needs are met, but also guarantee animal health and performance, an environmentally sensitive production chain, animal welfare, safety and quality along the value chain and the productivity of the farming business.

Livestock farmers need assurance that the feedstuffs they use are indeed of the quality that is claimed by the manufacturer. The DLG quality mark stands for transparency and quality in animal feed production. DLG tests are carried out repeatedly by the experts at the DLG Test Center Technology and Farm Inputs to the latest quality standards to ensure that the products have and maintain the highest quality.

Certification of the production processes

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In order to have its production process certified, it is necessary for the company to have a quality management and product monitoring system in place.

- Systems that are recognised by DLG are QS and GMP+ and others.
- Alternatively it is possible to seek a DLG audit.

Nutrient recommendations

The product is tested for compliance with the relevant nutrient recommendations for the specific species and with current legislation.

Certification of the product by type of quality seal

The product is tested by applying specific criteria as defined by the quality seal and by verifying the raw materials.

The DLG quality seal involves re-tests and re-certifications which are carried out on an annual basis.

Focus on reduced N/P levels

To reduce or even eliminate excess levels of nutrients in animal feeds it is recommended to feed livestock the required quantities of crude protein and phosphorus. However, lowering the N and P levels is constrained by physiological limits such as the need to supply the animals with nutrients at the exact required levels and at anytime. The DLG quality seal test for “Feeds with reduced N/P levels” focuses on the optimal supply of the animals with protein and amino acids, respectively, and phosphorus and at the same time on minimising nitrogen and phosphorus excretion levels .

The test criteria

Animal feed	Test criteria	Goals
Pig feeds with reduced N/P levels	<ul style="list-style-type: none"> • Verify the recipe and formula of the feed • Analyse the product for crude protein, lysine, calcium and phosphorus in the product and the major components • Compute the number of amino acids relative to each other and relative to the energy level and assess the phytase supplementation 	The animal feed meets the nutrient requirements for greatly reduced N/P levels as specified in the DLG Expert Knowledge Paper 418.
Dairy cattle feeds with reduced N/P levels	<ul style="list-style-type: none"> • Verify the recipe and formula of the feed • Analyse the product for crude protein, calcium and phosphorus in the product and the major components • Compute the utilisable crude protein levels and the ruminal N-balance from the recipe and underlying ration calculation 	The animal feed meets the nutrient requirements for reduced N/P levels as specified in the DLG Expert Knowledge Paper 444.
Poultry feeds with reduced N/P levels	<ul style="list-style-type: none"> • Verify the recipe and formula of the feed • Analyse the product for crude protein, lysine, calcium and phosphorus in the product and the major components • Compute the number of amino acids relative to each other and relative to the energy level and assess the phytase supplementation 	The animal feed meets the nutrient requirements for greatly reduced N/P levels in pullet and for reduced N/P levels in laying hen feeds as specified in the DLG Expert Knowledge Paper 457.

Quality in a nutshell



All animal feeds that bear a DLG quality seal or a certification seal are subject to a continuous auditing scheme. Such audits are carried out at least once a year and ensure the quality of the product is maintained.

The seal that farmers trust

50% of farmers consider labelling of livestock feed important.

60% of farmers are familiar with the DLG quality seals for animal feed.

70% of farmers appreciate a DLG seal on livestock feed because it implies high quality.

84% of farmers are confident that DLG-tested feed does not contain prohibited or unacceptable components in excess of the statutory limits.

DLG Test Center Technology and Farm Inputs

DLG has been testing and awarding certifications to agricultural machinery and farm inputs for over 130 years. The DLG Test Center Technology and Farm Inputs is one of the leading testing and certifying organisations for the international agricultural industry. We test and certify tractors, machines and utility vehicles for field and on-farm use, inputs and consumables as well as forestry, municipal and grounds care equipment.

As such, the Test Center at Groß-Umstadt generates valid information for machine users helping them to make knowledgeable purchase decisions and good use of the product. Up to now, 4,000 test reports have been made available to farmers providing a clear guidance on tractors and implements, livestock housing installations and inputs.

Apart from applying DLG standards in its tests, the DLG Test Center also offers extensive testing services that apply national and international standards and regulations as a part of quality assessment programmes and customer-specific R&D requirements.

Further tests and services in the animal feed sector

- PetFood
- Additives in forage conservation
- Plastic films in forage conservation
- Professional clamping seminar

Information: www.DLG.org/feed-test

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