

# LG Animal Nutrition

Quality seed for a quality feed



**LG Animal Nutrition (LGAN) varieties have the genetic potential to deliver superior nutritional value, whilst maintaining excellent agronomic qualities and yield, thereby improving ration performance and reducing reliance on purchased in feeds.**

Maize varieties can have very different nutritional characteristics, leading to significant differences in animal performance. UK LGAN maize varieties are evaluated across eight parameters using an extensive and robust data set that combines the official BSPB/NIAB data with five years of Limagrain data, amounting to information from up to 12 sites across the country.

The best varieties receive the LGAN accreditation and offer increased nutritional value, providing a simple and cost-effective way for growers to increase feed efficiency and help reduce feed costs.

## Strengths

- LGAN varieties have improved fibre digestibility, driving improvements in dry matter intakes
- LGAN varieties have increased energy content from both improved starch and digestible fibre content
- LGAN varieties improved energy content drives improvements in feed efficiency
- LGAN varieties are high yielding for both dry matter and energy yield



- LGAN varieties are agronomically strong for assured performance
- Feeding LGAN varieties can deliver better farm profits

## Technical Information

As part of our ongoing research program, Limagrain has carried out numerous animal feeding trials at independent scientific institutes across Europe. Each study has clearly shown the benefits of feeding LGAN varieties and mixtures in terms of increased intakes and improved feed efficiency.

Most importantly milk production has also increased by anything from 0.4 to 2.6 litres per cow per day. The results below are taken from recent work undertaken by the Schothorst Research Institute in the Netherlands.

This increase in production is worth **an additional £5,040 a year** for a 100 cow herd at a milk price of 28 pence per litre.

LGAN Animal Feeding Trials	Control Variety	LGAN Variety
Feed Efficiency (kg milk / kg DM fed)	1.49	1.52
Milk Yield (litres per cow / day)	34.3	34.9
Extra Milk (litres per cow / day)	-	+0.6 litres
Extra Milk (per cow / year assuming 300 milking days)	-	+180 litres
Extra Profit (per cow / year assuming 28p per litre)	-	+£50

