



FUNGAL FERMENTATION PRODUCT FOR MONOGASTRICS

MAXFERM is a functional fermentation product that maximizes feed utilization when added to pig and poultry diets. It is produced through a solid-state fermentation process using selected strains of *Aspergillus niger*, *Aspergillus tubingensis*, *Aspergillus oryzae*, *Aspergillus sojae*, *Neurospora intermedia* and a specified range of substrates.

MAXFERM IMPROVES NUTRITIONAL VALUE OF FEED

Improved feed conversion and the selective use of cereal types containing high amounts of non-starch polysaccharides (NSPs) are key factors to reduce feed costs. NSPs are found primarily in plant cell structures. However, monogastric animals have no digestive enzymes that allow them to break down NSPs. Supplementing animal feed with **MAXFERM** minimizes the adverse effects of NSPs and increases the bioavailability of nutrients.



- Stabilization of the gastrointestinal system
- Increased nutrient and energy availability
- Improved zootechnical performance parameters
- Flexibility in diet formulation

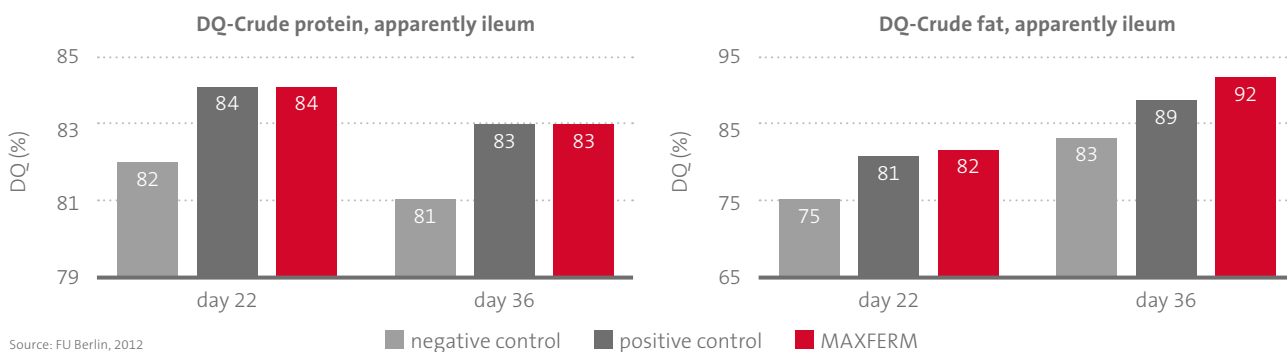
MAXFERM INCREASES FEED UTILIZATION AND DIET DIGESTIBILITY

MAXFERM stabilizes the gastrointestinal tract and improves the availability of valuable protein, starch and fat. At the same time, **MAXFERM** creates a nutrient medium for intestinal bacteria, and its prebiotic properties support the development of a healthy gastrointestinal flora, especially in broiler chicken. A broiler chicken trial with **MAX-**

FERM clearly shows better protein and fat digestibility in the intestine than the negative control. Even compared to the positive control, **MAXFERM** shows comparable or even better effects. As a result, **MAXFERM** can increase energy utilization by about 0.3 – 0.5 MJ MEN-corr./kg and reduce fecal nitrogen excretion by 10%.



F1: Broiler trial on intestine digestibility Trial Setup: n = 132, Cobb 500, 36-day trial, 200ppm MAXFERM



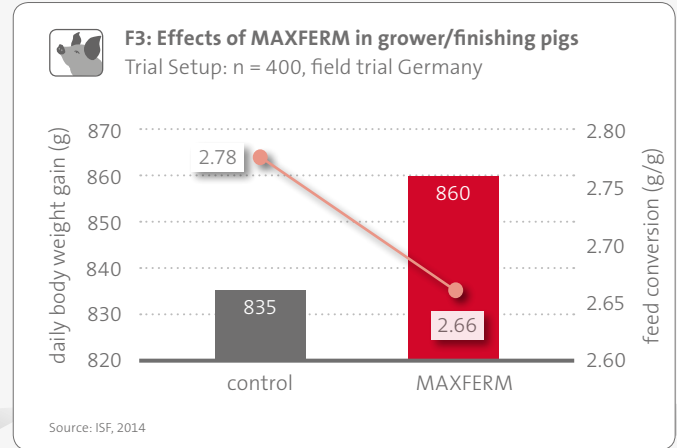
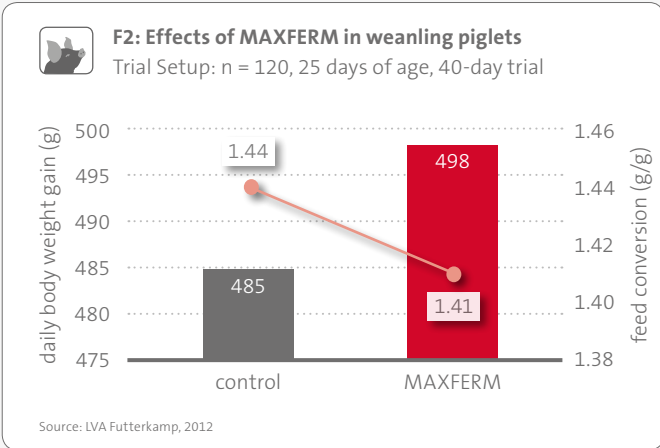
PERFECT COMPONENTS. MAXIMUM RESULTS.

IMPROVED FEED CONVERSION

MAXFERM – INCREASES PIG PRODUCTION PROFITS

Successful and profitable pig production relies on high daily weight gain and good feed conversion. **MAXFERM** increases piglet performance by boosting both feed intake and feed conversion immediately after weaning (figure 2).

Furthermore, a trial with 400 grow/finish pigs showed performance advantages achieved by **MAXFERM**. During the finishing period, weight gain was 25 g/day higher than in the control group, and feed conversion improved 4%.



MAXFERM - IMPROVES PERFORMANCE IN BROILER CHICKENS

Research shows the performance potential of **MAXFERM** on broiler chickens. Live weight gain and feed conversion both improved over the five-week trial period. Adding **MAXFERM** to feed resulted in an increase in the final fin-

ished weight of more than 80 g. Animals also exhibited greater vitality and homogeneity, resulting in an increase in profitability.

