The on-farm programs
Nutritional programs in gut health and broiler breeder diets can be applied on-farm to promote farm efficiency.

Biacid™ and Grolux™ are specialty products that have been developed to help achieve broiler flock potential through improved gut health under different conditions.

The Broiler Breeder Feeding strategy and Proviox 50™ are designed to improve the performance of the broiler breeder and its offspring.

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<th>Product</th>
<th>Unique features</th>
<th>Benefits</th>
</tr>
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<tr>
<td>Biacid™</td>
<td>Specially selected and stabilised essential oils and organic acids</td>
<td>Promotes gut health Consistent improvements in feed conversion rates, body weight Payback of four times the cost when included in rations Benefits in optimal conditions</td>
</tr>
<tr>
<td>Grolux™</td>
<td>Family of botanically derived products Directly available easily transportable from high to low acids</td>
<td>Positive influence on microbial gut populations Consistent improvements in feed conversion and body weight gain Beneficial in non-optimal conditions, such as in hot climates and where stressed flocks are a problem</td>
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Biacid™ is a gut health product for broilers

Biacid™ promotes gut health Consistent improvements in feed conversion rates and body weight Payback of four times the cost when included in rations Benefits in optimal conditions

Grolux™ is a gut health product for broilers

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The Broiler Breeder Feeding strategy

The Broiler Breeder Feeding strategy and Proviox 50™ are designed to improve the performance of the broiler breeder and its offspring.

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<td>Feeding program that sets record-breaking body weights, leg weights or egg weight at end of production Reduces feed costs in the rearing phase, sets record-breaking leg weights at end of production Higher body weights in the rearing phase to ensure higher egg size at start of production, thereby promoting lifetime productivity</td>
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<td>Feed additive that can improve the nutritional status of the diet</td>
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Provimi™ is a brand of Cargill®, a family-owned company with more than 150 years’ experience in developing feed and feed ingredients. Cargill® develops result-oriented nutritional solutions and feeding programs, which help producers and their suppliers grow their business. Provimi® and Cargill® feeds for ruminants, swine and poultry are produced under the Provimi™ brand as well as specialty feeds, such as piglet feeds, calf milk replacers and additives. We work closely with our customers to implement bespoke feeding programs on farm.

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Improving poultry farm efficiency

Meeting the challenges
Environmental conditions and stress factors – such as disease, poor feed quality, dietary changes and high microbial counts – can hinder the unit’s ability to reach its potential. Producers will know that these challenges can widen the gap between actual performance and the bird’s genetic potential.

A robust feeding strategy and innovative products will help to elevate the effects of these challenges. Cargill has focused on two key areas to help producers to maximise flock potential: gut health in broilers and productivity in broiler breeders.

Better gut health
Gut health improvements can protect birds from the adverse effects caused by stress factors and sub-optimal conditions. A healthy gut leads to healthy birds and enhances welfare. This is recognised as part of responsible farming practice.

Nutritional expertise is key
Nutritional programs and specialty products, to improve productivity and support responsible farming, have been the focus of Cargill’s poultry research. This delivers innovative insights for the company to work with and it offers producers:

• diagnostics to assess unit performance
• bespoke nutritional strategies to help overcome unit challenges and improve performance
• technical support on farm to implement programs and monitor success

Farm efficiency is supported with improved gut health integrity and performance in broiler breeders and their offspring.

Promoting farm efficiency

A healthy gut leads to healthy birds and enhances welfare. This is recognised as part of responsible farming practice.

Integrated Solutions provides a strategic diet manipulation for broiler breeder units, with benefit across different performance levels and targets. These Strategic Solutions are key to help overcome unit challenges and improve performance in performance in two ways:

1. Rearing breeder breeders: • promotes the weight gain of egg production and increases egg weight by 25% • increases the laying percentage by 2%, leading to five extra eggs per cycle

2. Reduced dietary crude protein in the laying phase: • reduces feed costs • avoids eggs becoming too large and increase laying percentage

Rearing heavier breeders:
1.  Rearing heavier breeders: • avoids eggs becoming too large and increase laying percentage • increases the laying percentage by 2.8%, leading to five extra eggs per cycle

2. Reduced dietary crude protein in the laying phase: • reduces feed costs • avoids eggs becoming too large and increase laying percentage

Strategic diet manipulation

The Broiler Breeder Feeding Strategy supports efficient and cost-effective performance in broiler breeder units, with benefit across different performance levels and targets. The Broiler Breeder Feeding Strategy supports efficient and cost-effective performance in broiler breeder units, with benefit across different performance levels and targets.

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Biacid™
Biacid™, from the Promote range of feed additives, can improve feed conversion ratio and growth. Average results, based on 34 in vivo trials, show that Biacid™ improved feed conversion (FCR) by 2% and body weight (BW) by 2.5%.

The family of Grolux™ Poultry Integrated Solutions provides a reliable energy source to broilers, particularly in suboptimal conditions. Grolux™ can give an improvement in feed conversion between 2% and 6%, an average body weight gain of between 2% and 4%, and a reduction in pododermititis and leg culls.

Broiler Breeder Feeding Strategy
The Broiler Breeder Feeding Strategy is another development that supports farm efficiency. It is based on the effects of dietary changes on broiler breeder and offspring performance.

Proviox™ 50
Proviox™ 50 is particularly beneficial when added to broiler breeder diets since it can improve the antioxidant status of high performing animals cost-effectively. It can also influence the performance of their offspring by increasing final body weights by 70g.

Grolux™
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