Improve overall feed digestibility







Optimize nutrient density



- Thanks to the improvements in energy, amino acids and phosphorus digestibility, enzymes allows for better FRC and bodyweight
- Rovabio® is a multi-enzymatic solution which addresses the whole indigestible vegetable fraction of feed, and works on any diet

Potential savings: -4% of feed cost <<< (5) per kg of liveweight





- Adding an emulsifier to increase nutrient density is more cost effective than adding only oil
- FRA® LeciMax; highly concentrated lysolecithins
- FRA®LeciMax enables a higher nutrient efficiency while maintaining growth performance

>>> Potential savings: 10,000 \$ / 100 000 broiler







Maintain performance even under heat stress



- Increased animal resilience supports the reduction in antibiotic use and improves the sustainability of animal production
- Alterion® . Alterion®, a consistent probiotic solution and Adimix Precision, a precision delivery coated butyrate, have been shown to be effective in protecting animals by acting throughout three intimately connected lines of defense: ensure a resilient microbiome, strengthen barrier function and preserve gut integrity and, finally, maintain a reactive immune system
 - A meta-analysis (11 trials) showed that the performance indicators (FCR and BWG) of Alterion®-fed birds are similar to birds fed



Adimix Precision has been shown to improve broilers' BW (+5.6%) and FCR (-6.9%) vs control in academic trials, with a 2 to 6% improvement in these parameters in standard field conditions



- At the cellular level, heat stress induces an over-production of free radicals
- Selisseo® is the only pure form of organic Se, which consistently provides 100% Se as OH-SeMet
- Selisseo® fed birds cope better with heat stress
- Selisseo® better maintains animals' performance under heat stress compared to sodium selenite:
 - +52 grams at 35 days
 - 1 point of FCR
 - lower mortality (-4.2%)



