




engra  n™

Helping Poultry Producers Reduce Production Costs,
Combat Disease and Boost Performance



Ever changing variables in the environment, input costs, disease pressure, and labor create a high-risk challenge for poultry producers.



These profitability drivers are critical to your bottom-line

DISEASE

High pathogen loads reduce performance and increase mortality rates

FEED EFFICIENCY

As your largest production input, even small changes in cost and consumption will dramatically affect profitability

ENERGY

The level and utilization of dietary energy is the most critical cost driver of most poultry rations



DISEASE

Pathogenic bacteria, notably *E. coli* and *Salmonella* can be a leading cause of both death loss and carcass contamination at harvest.

Engrain has been able to help producers reduce pathogens to dramatically reduce mortality in hatchery and starter/grower operations.





FEED EFFICIENCY


Feed costs dictate profitability.

High diet costs and low feed conversion will pressure margins to squeeze any ability to maintain a positive cash flow in your business.

Ingredient costs and availability are ever changing and poultry producers often lack the flexibility to formulate with alternative feedstuffs.

The inability to make further gains in conversion, or in many cases even hold previous efficiency levels are a great weight on managers as they strive to continuously build equity in the enterprise.





ENERGY

Optimum growth requires the proper energy level and utilization.

As the single largest and most expensive component of the diet, energy requirements of the various genetic strains are suggested by the breeder and rarely deviated from. To evaluate alternatives given the perceived risk, even when the high reward of reducing overall costs may be at stake.

Improvements in digestibility and energy utilization over the past decade through nutritional tools like enzymes has begun to change what we think might be possible. The next generation of these technologies in probiotic technologies are here and will take the opportunities for energy reduction to another level.



You need a partner who can help you reduce the threat of pathogens and improve your feed conversion rates, even in the face of ever-changing ingredient costs.

A partner who can provide opportunities to further reduce dietary energy through improved nutrient utilization to increase profits.



INTRODUCING



A next-generation probiotic approach designed for feed or water application, eliminating the reliance on antibiotics and many other costly growth promoters





eMAX has proven to:

- Decrease the mortality rate across the production cycle
- Reduce presence of pathogenic *E. coli* and *Salmonella*
- Increase growth rates
- Improve feed conversion
- Produce larger eggs
- Maintain persistency of peak layer production
- Reduce feed cost through improved utilization of energy



HOW IT WORKS

1

Set up a call with our team and we'll work together to understand your needs and determine how we can help.

2

Begin a free trial with our eMAX solution.

3

Fully implement eMAX in your operation to realize improved profits.

Stop risking your profitability on disease, poor growth performance, reduced efficiency, high feed cost and unnecessary additives.



engrain  nTM

Feed the world with peace of mind.

Talk to us today.

www.engrain.us