



Trial results prove it's
a simple choice.

USA Heat Stress Trials
Summary results



Enhanced
weight gain



Better
feed conversion



Upgraded
lesion scores



Improved
livability

Multiple trials - in the U.S. and worldwide - show Lumensa technology time and again improves weight gain and feed conversion ratios of broiler chickens. It also reduces mortality and decreases lesion scores. Our comprehensive solution uses a broad strategy to balance the gut ecosystem, reduce the impact of stress and increase production.

At Lumensa, we've applied our almost 50-year track record of innovation in fermentation metabolites to create a complete solution easy for growers to use. Our animal nutrition products begin with a two-stage fermentation process to create a diverse set of metabolites, we then add minerals combined with amino acids for better absorption, a selection of antioxidants and several plant extracts. It's a simple choice and the single most impactful decision for growers who care.



Produced using good
manufacturing practices and
following National Animal
Supplement Council



Does not contain Genetically
Modified Organisms materials



Uses only materials which are on
the FDA Generally Recognized
as Safe List



Utilizes highest quality feed, food
and FCC/USP grade materials
approved by Association of
American Feed Control Officials

Worldwide commercial and university trials

In trials in the U.S. as well as around the world in countries including Colombia, India, Malaysia, Turkey, Nigeria and Chile, results consistently find Lumensa products contribute to healthier poultry, even under heat-stress conditions.



The results are in

Standard vs low-energy diets

Lumensa improved performance of Vencobb broilers fed standard and low-calorie diets in a 42-day trial. Low-calorie diets with 2.5% lower ME supplemented with Lumensa produced better results than standard ME diets alone:

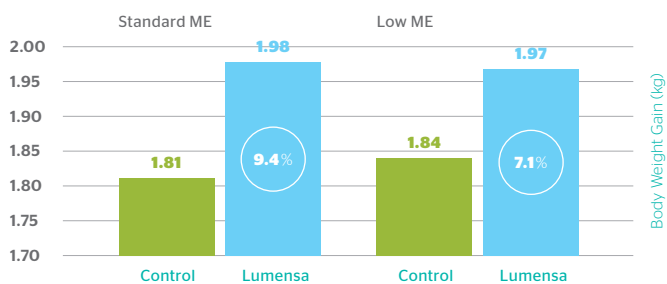
- + 8.8% Body weight gain
- - 6.4% Feed conversion ratio

A choice of applications

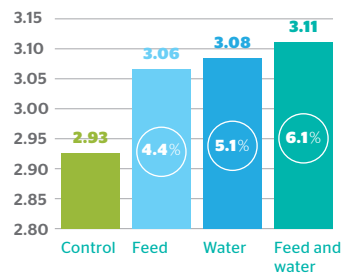
Lumensa can be applied through feed or water supply with best results from parallel application of feed and water, as discovered in a trial on 708 Ross broilers. Chickens were raised under heat-stress conditions for 49 days.

Means with different letter superscript differ significantly ($P < 0.05$).
Abstract for IPSF International Scientific Poultry Forum, Atlanta GA. 2017

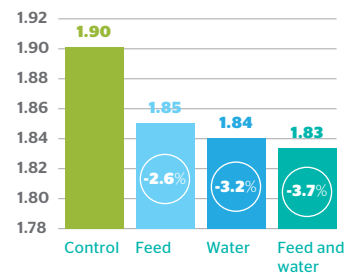
Effect of Lumensa on Body Weight gain



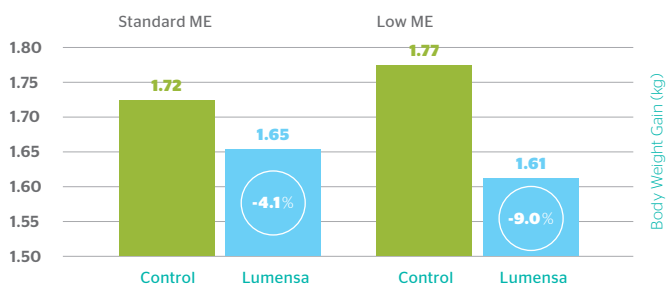
Body Weight Gain (kg)



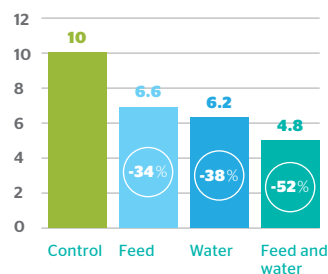
Feed Conversion Ratio



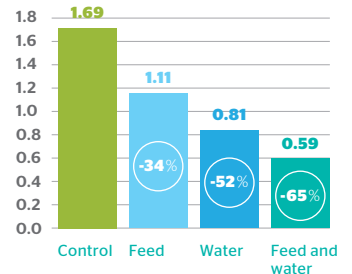
Effect of Lumensa on Feed Conversion Ratio



Mortality (%)



Lesion Score (0-4)



Discover the single most-impactful choice for growers who care.

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