



HOW TO MAKE YOUR CHICKENS HEALTHY?

Lactobacillus acidophilus D2/CSL CECT 4529

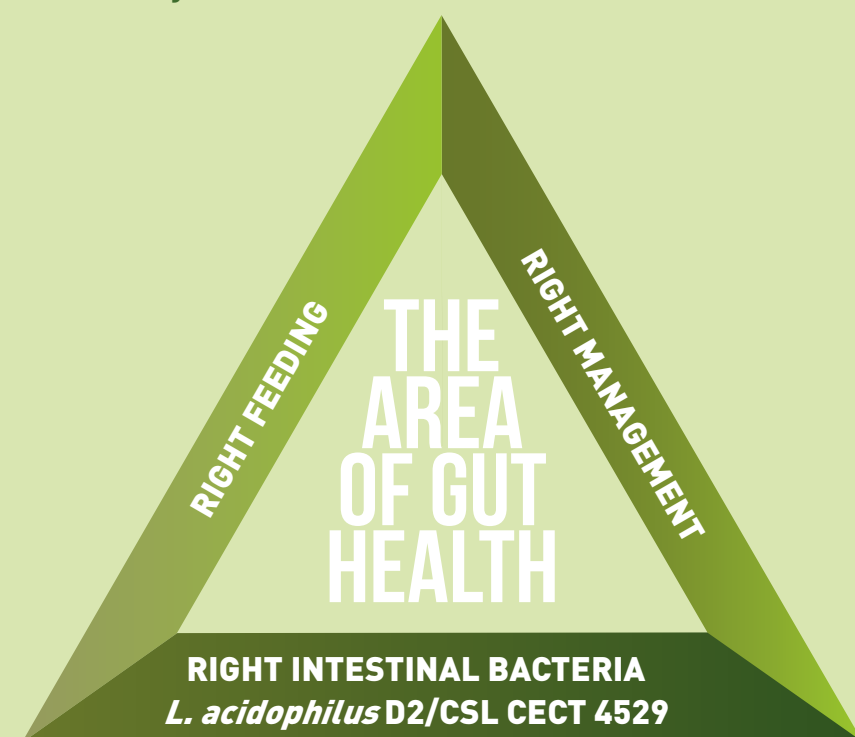
A COMPANY OF SACCO SYSTEM



THE SAME PROBLEM AS EVER: THE INTESTINAL DYSBIOSIS

The intensive farming exposes animals to imbalance in the intestinal ecosystem (dysbiosis), i.e. imbalance between **USEFUL** (commensals and probiotics) and **HARMFUL** (putrefactive and pathogenic) microorganisms, including coliforms, clostridia, salmonellae, etc...

The dysbiosis can cause: bad intestinal fermentation (putrefaction, and amino acids losses), inflammation of the intestinal mucosa, poor nutrients absorption, diarrhea, poor production yield, quality products worsening, mortality and unwanted use of antibiotics.



WHAT

Lactobacillus acidophilus

D2/CSL CECT 4529 GUARANTEES

- 1** SAFETY for the animal, the consumer, the environment.
- 2** POSITIVE INTESTINAL COLONIZATION, without triggering inflammatory responses.
- 3** BALANCE OF INTESTINAL FLORA between probiotic lactobacilli and putrefactive/pathogenic microorganisms.
- 4** SCIENTIFICALLY DOCUMENTED EFFICACY about the health and productivity of poultry, about the better quality of eggs.
- 5** COSTS largely paid back by the BENEFITS.

L. acidophilus D2/CSL CECT 4529 A PROBIOTIC *Lactobacillus* STRAIN ISOLATED FROM THE CHICKEN INTESTINE



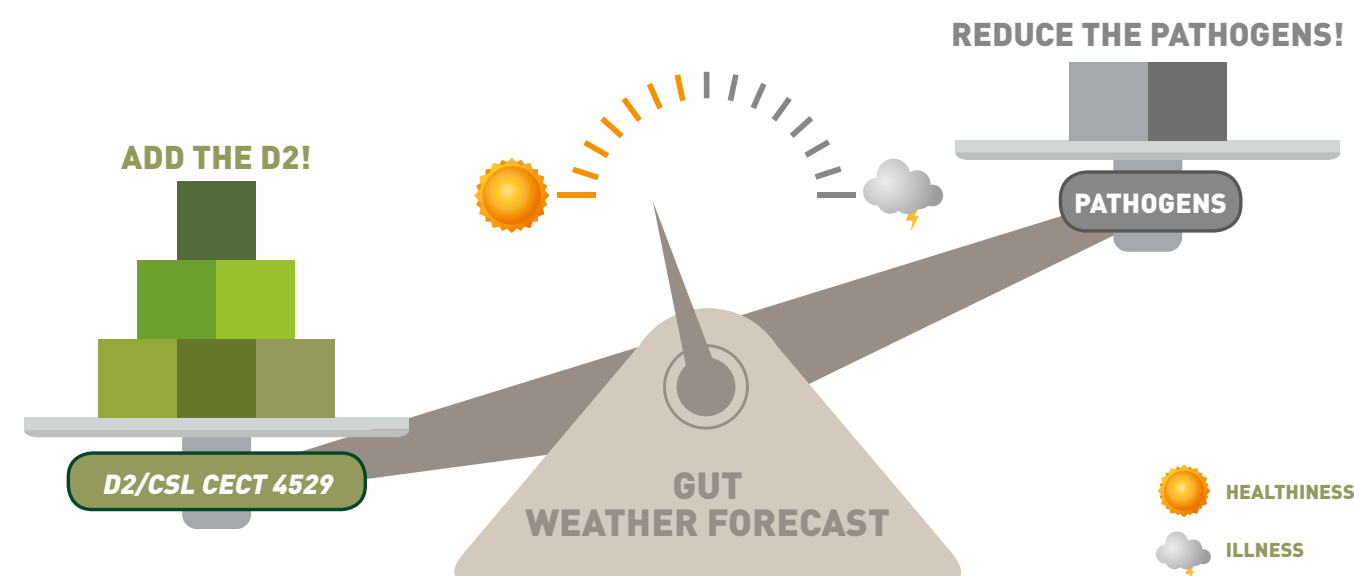
Autochthonous of the *Gallus gallus* species

Typically living in symbiosis in the chicken's intestinal tract

Able to improve the digestive functions through fermentation

A natural antagonist of putrefactive and pathogenic microorganisms

BALANCE OF THE INTESTINAL FLORA MEANS GUT HEALTH



THE NATURAL SOLUTION *L. acidophilus* D2/CSL CECT 4529

To solve the intestinal dysbiosis, the balance between **USEFUL** (commensal and probiotic) and **HARMFUL** (putrefactive and pathogenic) bacteria in the gastrointestinal tract must be restored. The most natural and effective way is feeding chickens with autochthonous probiotic *Lactobacillus* species: *L. acidophilus* D2/CSL CECT 4529

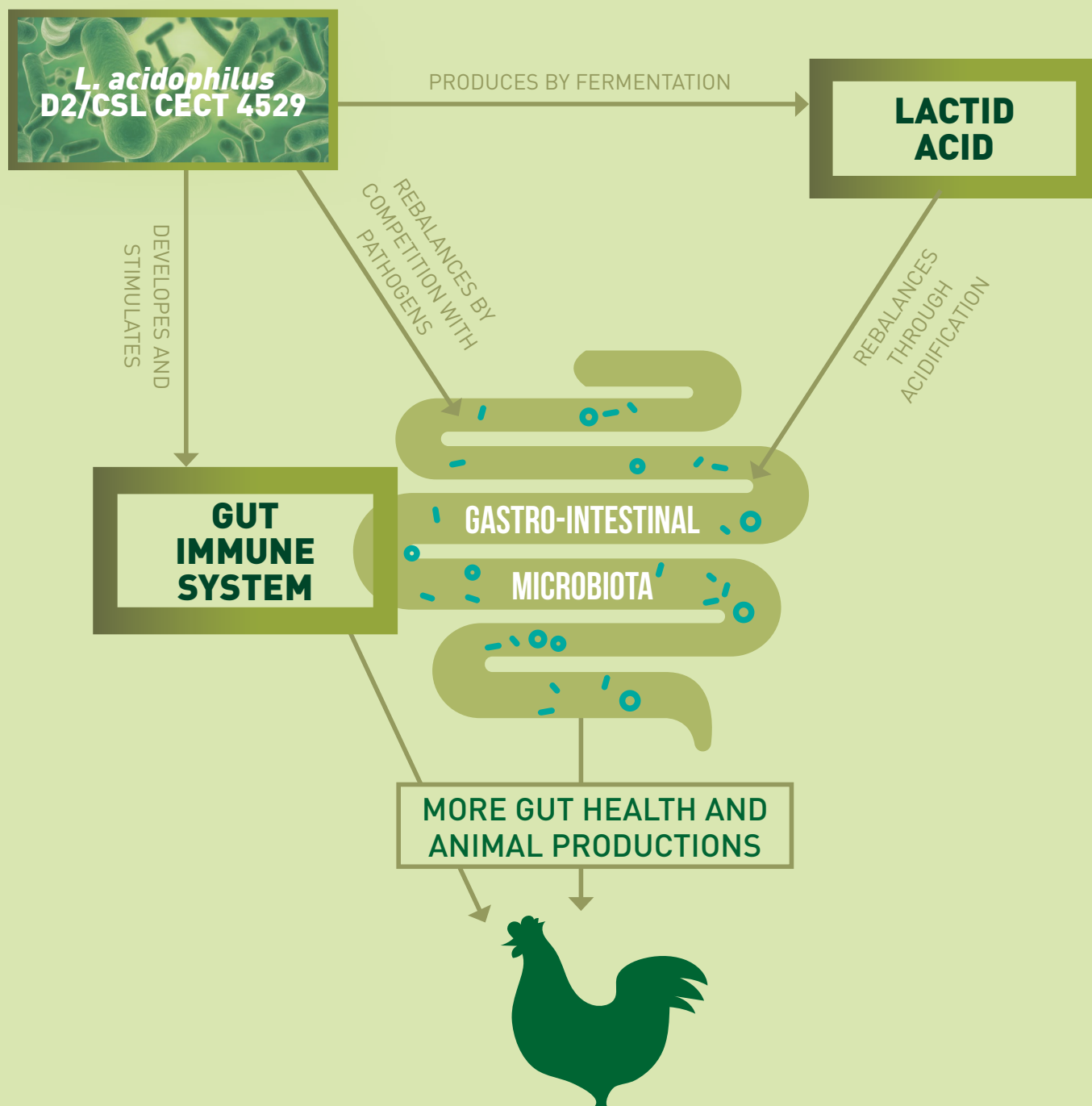
HOW *Lactobacillus* *acidophilus* D2/CSL CECT 4529 WORKS

L. acidophilus D2/CSL CECT 4529 provides you more:

- + Animal health, dryer droppings
- + Nutrients absorption (*Feed Conversion*)
- + Saleable eggs
- + Albumen quality (*Haugh Units*)
- + Shell quality (*strength, cleaning*)

L. acidophilus D2/CSL CECT 4529 provides you less:

- Intestinal dysbiosis /diarrhea
- Products of intestinal putrefaction
(*ammonia, H₂S, biogenic amines, etc.*)
- Morbidity/mortality of the flocks
- Wastage of eggs (*cracked, thin-shelled and dirty eggs*)
- Absence of hazardous residues in the sold products!



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