



ANTICIPATE & SUSTAIN SUPPORT THE FUTURE OF LIVESTOCK FARMING...



FOR OUR SHARED FUTURE!

**Because the questions raised within our profession
require more than just one answer...**

Since **1995**, IDENA combines two expertise fields:

1.  Animal nutrition
2.  Deep knowledge of botanical extracts

The objective is:

To improve feeding efficiency by reducing waste of nutrients during digestion process, managing the digestive floras

Close collaborations with many universities and research institutes

In vitro Validation

- Screening
- Time-effect



UNIVERSITÀ
CATTOLICA
del Sacro Cuore



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Collaborative developments

- Microbiota analysis during a collaborative project about methane emissions



Inventons
les céréales
de demain



ICSA
Institut Carnot
Santé Animale

- *In vitro* screening *Eimeria* sporozoites : 130 bioactives and associations tests



- Screening on fermenters models



Canada

- Anthelmintic model on larvae and adults nematodes and trematodes



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Improve sustainability to preserve the planet

1) Reduction of Green House Gas:



2) Reduction of antibiotic use in feed



3) GMO Free customer expectation



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1) Remove soybean meal from the feed formulas = a two-in-one objective



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soybean meal = 50% of the total protein used in animal nutrition in EU
= 15 Millions hectares, from Brazil, USA, Argentine.
Soybean meal is the only one GMO ingredient in diets in France

→ Done in ruminants, by reducing the deamination into the rumen



→ In process on monogastrics, by managing the microbiota fermentations



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2) Reduce the use of antibiotics in feed



→ Replace chemical coccidiostats

→ Done in ruminants



→ Done in swine



→ Done in poultry



3) Reduce ruminant methane emissions



→ Done with Gasoless:



- Less 17% CH₄
- More 1,2 liter of milk
- More 50% CLA



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SO WHY I AM HERE
In front of you ????



GIVE ME FIVE !...



...Give me 5 €/ton of compound feed !!



+5 €/ton of compound feed permits:



- To reduce 17% CH4 on dairy cows
- To preserve Amazon from deforestation
- To reduce drastically the antibiotics use
- To produce GMO Free

5 €/ton of compound feed represents:



- Less than 1 €/ton of crude milk
- Less than 1 ct€/kilo of pork meat
- Less than 1 ct€/kilo of chicken meat

All together !



- The customer is asking for !
- The planet needs it !
- We NEED it !

⑨ Huge opportunity for the dairy and meat industry

Thank you !

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LA NUTRITION ANIMALE INNOVANTE PAR NATURE

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