ANTICIPATE & SUSTAIN SUPPORT THE FUTURE OF LIFESTOCK 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:



Deep knowledge of botanical extracts



2.

IDENA, innovation dedicated to animal care

The objective is:

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



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Close collaborations with many universities and research institutes

In vitro Validation

- Screening
- Time-effect





Collaborative developments

Microbiota analysis during a collaborative • project about methane emissions



 In vitro screening Eimeria sporozoites: 130 bioactives and associations tests



Screening on fermenters • models



Canadä

 Anthelmintic model on larvae and adults nematodes and trematodes





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Improve sustainability to preserve the planet

1) <u>Reduction of Green House Gas:</u>



2) <u>Reduction of antibiotic use in feed</u>



3) GMO Free customer expectation





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



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

Vertan PROTEINS, MORE EFFICIENTLY

→In process on monogastrics, by managing the microbiota fermentations









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Forcix sa THE NATURAL ALTERNATIVE

 \rightarrow Done in swine

Reduce the use of antibiotics in feed

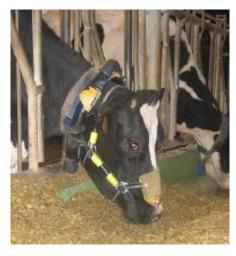
3) Reduce ruminant methane emissions



→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 ????





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GIVE ME FIVE !...



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





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+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



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All together !



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

Huge opportunity for the dairy and meat industry



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Thank you !

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