

LUCTA GROUP

Aquatic Division

Wentao Fan

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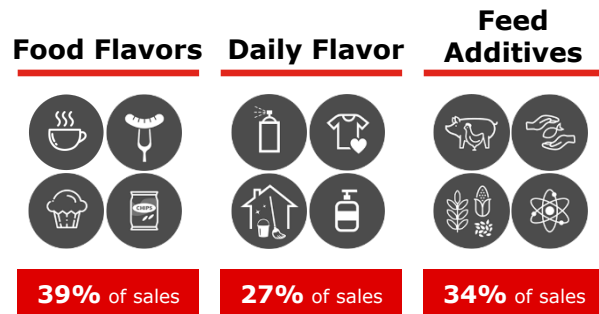
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2021. 9

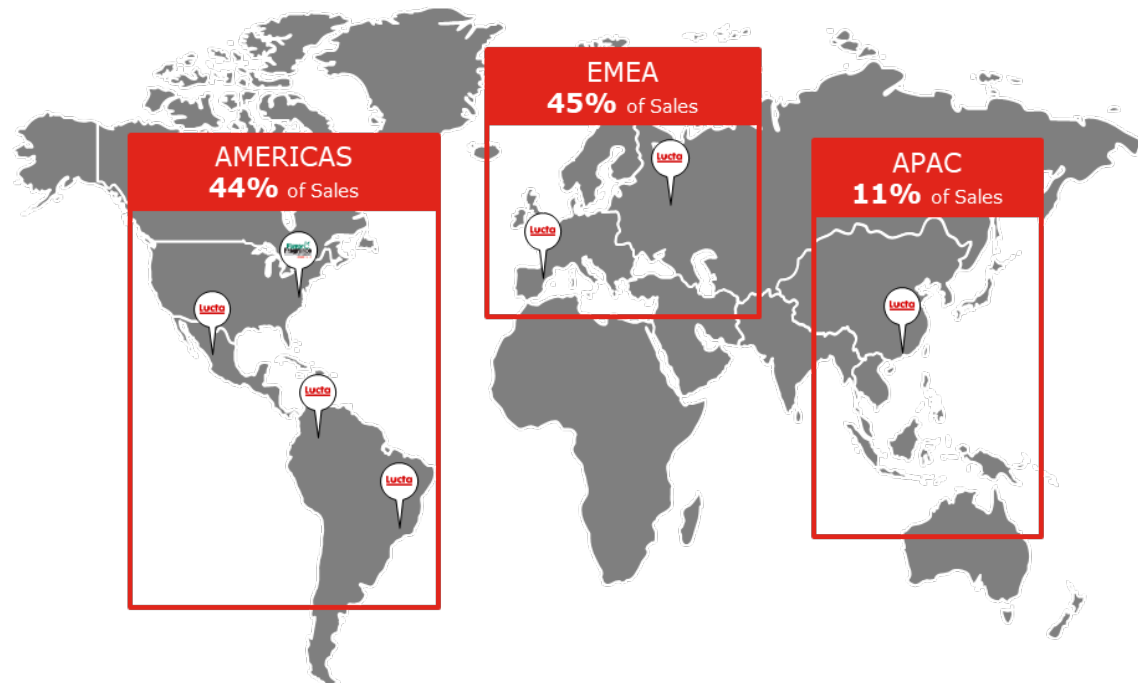
Lucta



Founded in 1949 in Barcelona, Spain, Lucta Group specializes in the production of:



A good corporate image, solid financial position and an excellent team of people give us a strong ability to create value through high quality products and differentiated services.



2.85 亿

Group net sales (EUR)

94

Countries or regions

7

Companies
(Headquartered in Spain)

5

Design centers and
production bases

945

Employees



Goal

Stimulate memorable emotions and enhance consumer happiness anytime, anywhere.



Vision

To be a globally focused, innovative family company with an outstanding track record, solid financial position and deep-rooted values, supplying daily flavors, food flavors and feed additives to the market.



Mission

With a superior customer experience, we tailor high-end daily flavors, food flavors and animal nutrition solutions to meet the highest standards and create sustainable value for our stakeholders through a passionate, creative and dedicated team.

innovation

It's at the heart of our DNA. It's a way of doing things differently, but most importantly, it's a spirit that relies entirely on people.

&

It's not just a symbol. It means our insistence on creating inclusive global value for our customers, partners, suppliers, shareholders and society.

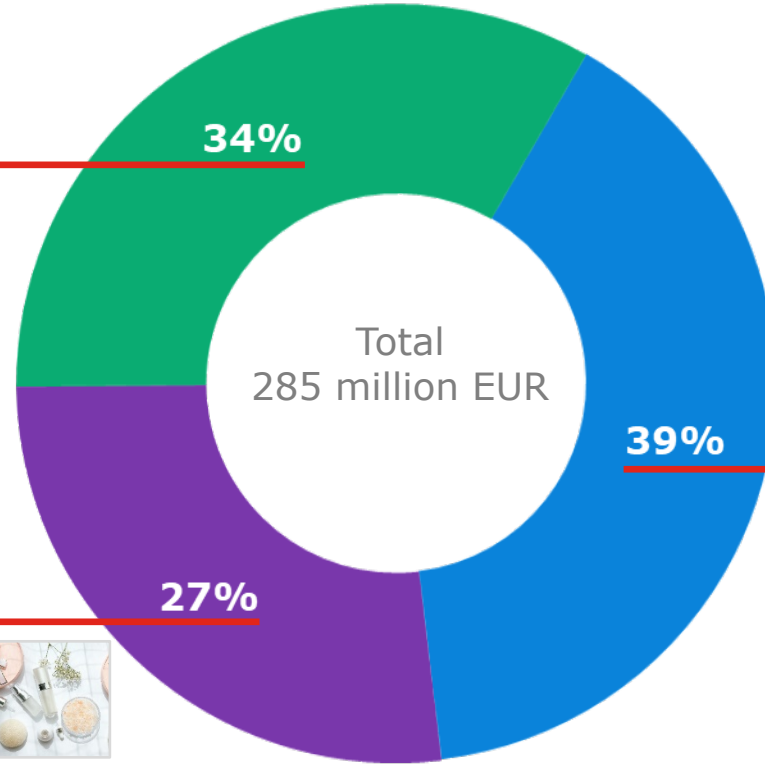
trust

That's what we get in return from our demanding customers. We offer a variety of creative solutions that have experienced sustainable growth for over 70 years.

Feed Additive



Daily Flavor

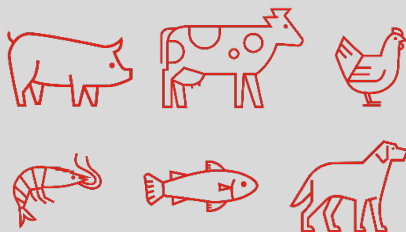


Food Flavor



***From palatability to
animal welfare, we
innovate in every
aspect***

Dedicated to providing sustainable solutions that ensure palatability, efficiency and animal welfare, as well as preservation of feeds, feed ingredients and premixes.



Palatability



Storage protection



Efficiency



Anti-oxidation



Animal Welfare





Focus on
Animal Nutrition
& Innovation Drive



Differentiation is achieved
through product
innovation, scientific
reliability and superior
customer experience



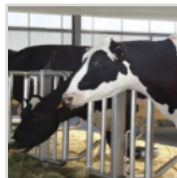
High-end
Customized Solutions
& Total Deployment



Specialization
Focus on business
segments, animal species
and customers



Global Business
industry standards in
palatability, productivity
and
animal welfare are
exemplary in the industry

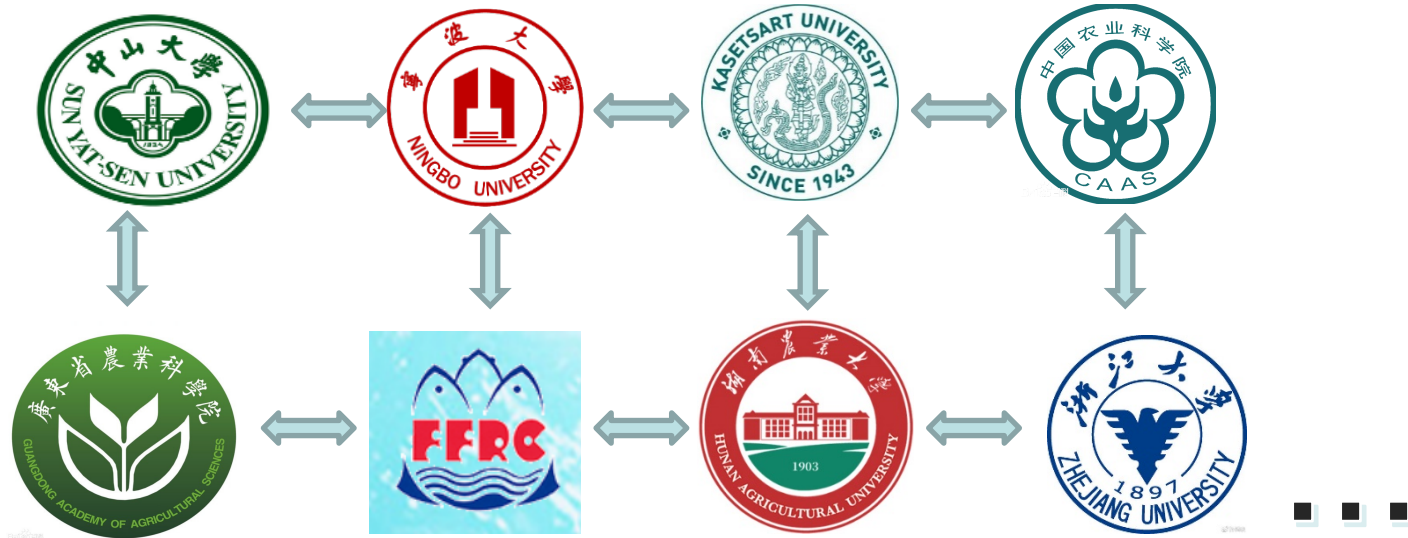


**Lucta in reducing
marine resource-based
raw materials
Exploration in**

Lucta



Cooperation with many aquatic research institutes at home and abroad

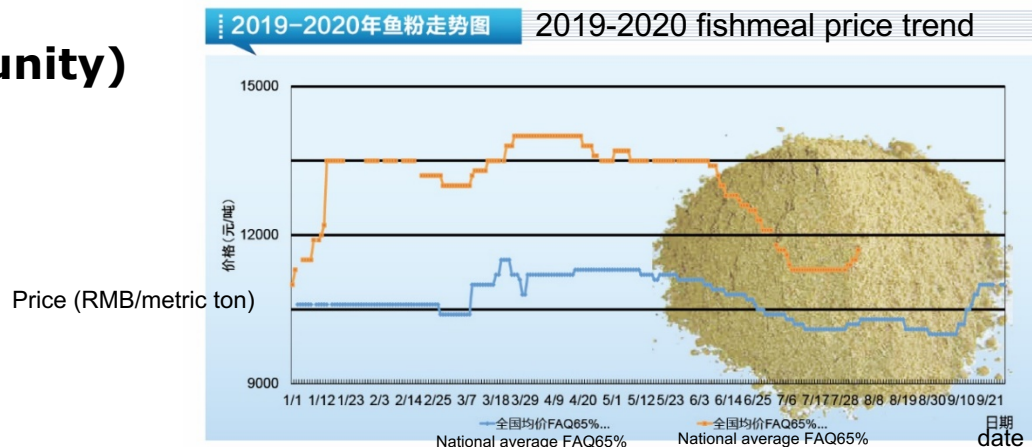




	Level of substitution	Species
Fish Meal	10	Fish Crustaceans
Shrimp paste	3	Fish Crustaceans



1. Suitable protein source (easy to obtain, high yield, nutritious)
2. Second, AA, fatty acids (taurine, creatine)
3. III, palatability (aroma, feeding regulation)
4. IV, intestinal health (immunity)



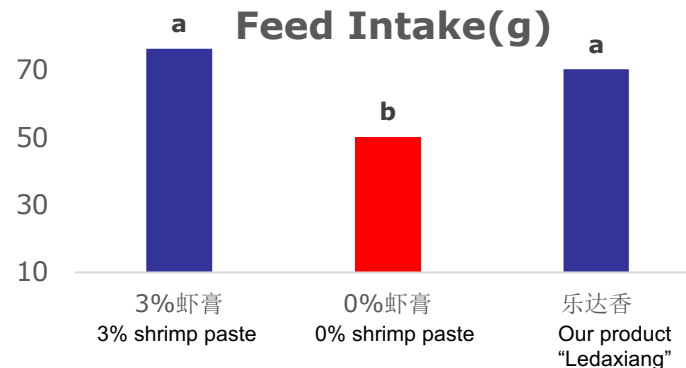
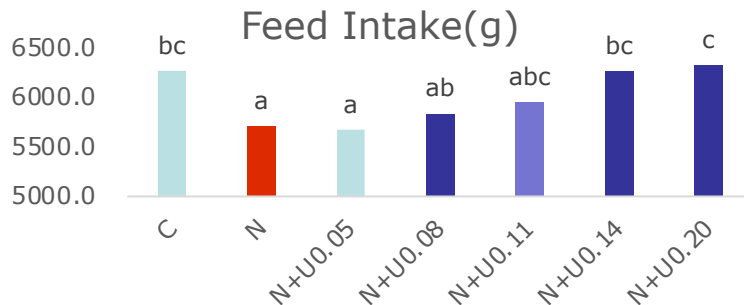
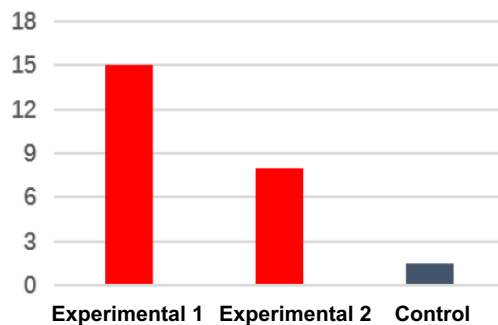
Amount of squid paste added	Cadmium content
Squid paste raw material	100mg/kg
Feed standard cadmium content	1mg/kg

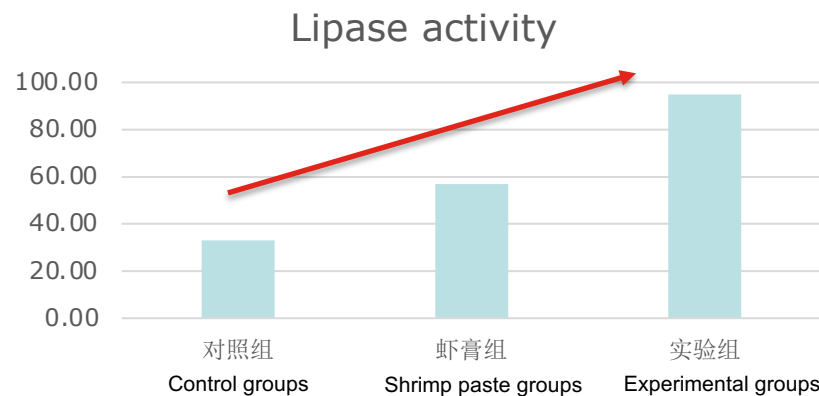
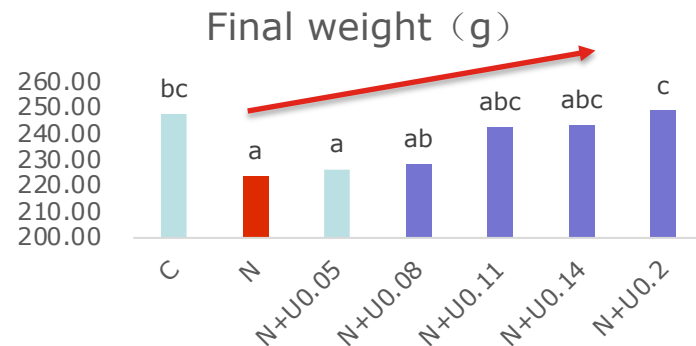
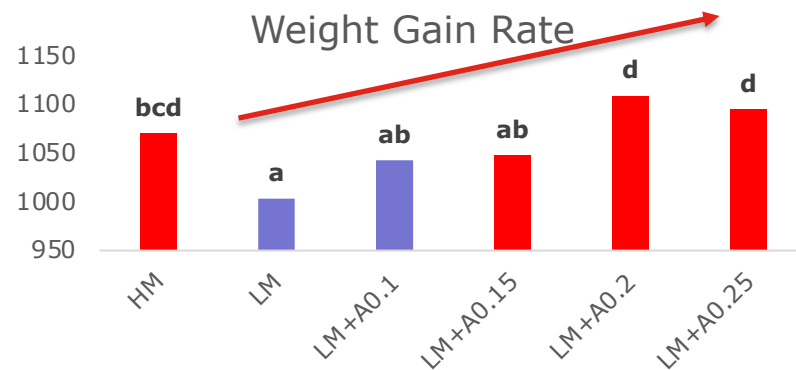
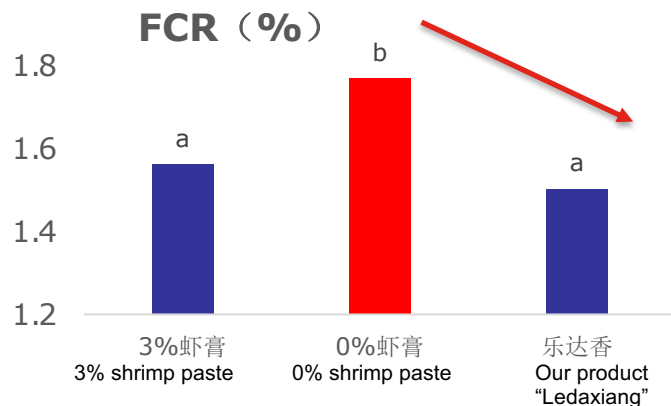
The relationship between the amount of squid paste added and the excess cadmium in feed

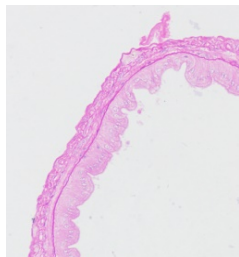
Amount of squid paste added	Feed cadmium content	Whether the feed hygiene exceeds the standard
1.00%	1mg/kg	Just meets the criteria
2.00%	2mg/kg	1 times over the standard
3.00%	3mg/kg	2 times over the standard

Food enticement effect

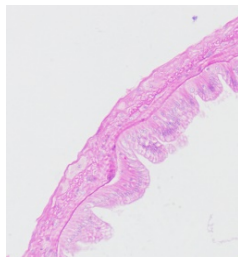
六臂迷宫实验诱食效果



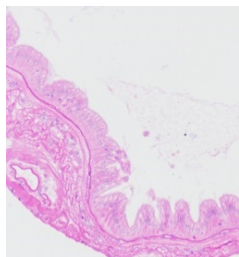




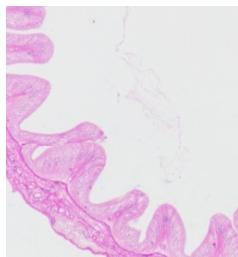
Control



Squid paste set



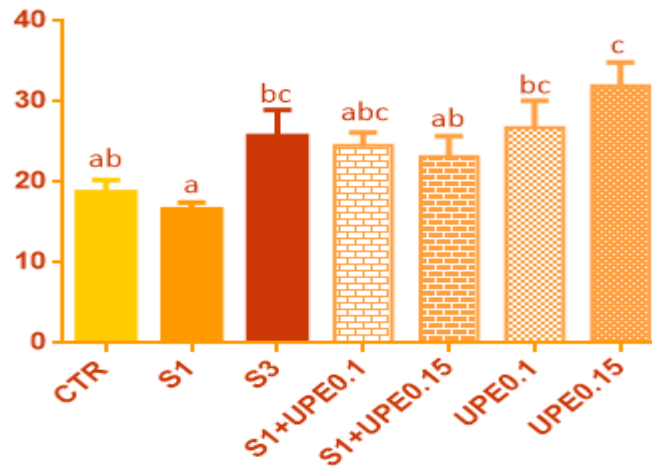
Experimental 1



Experimental 2



Fold height



- Significant improvement in gut fold height and gut health

- This technology combines the feeding behavior of aquatic animals and utilizes the Cell Reporting System technology of taste receptor gene to simultaneously open up both aromatic and fresh taste pathways to enhance animal growth rate and improve animal welfare by improving digestive capacity and intestinal health.

Reduce dependence on marine
resources and extend the regulation
of aquatic animal feeding
from the mouth to the gut!

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Lucta