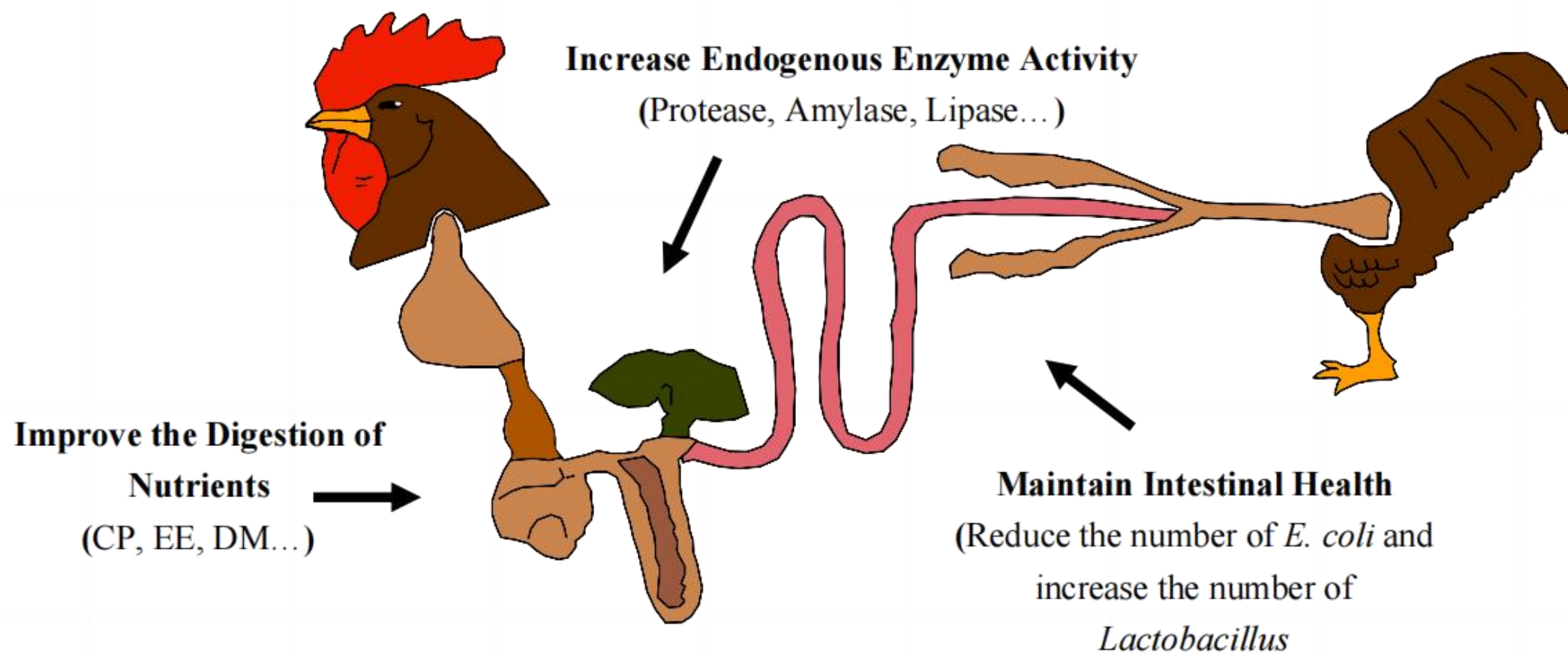


# Multi-enzyme

Feed contains various anti-nutritional factors, such as phytic acid, non-starch polysaccharides (NSP), and soybean agglutinin, which reduce the digestion and absorption of nutrients and can lead to diarrhea and enteritis in animals. The lack of NSP enzymes in the animal gut affects their growth and decreases breeding efficiency. Through careful formulation, a variety of multi-enzyme blends have been developed for different dietary formulations.



## ➤ Mechanism of action



## ➤ Product function

- Eliminate the anti-nutritional factors in the diet and boost the digestion and utilization rate of nutrients.
- Supplement endogenous enzymes to increase endogenous enzyme activity.
- Degrade soluble NSP and reduce intestinal chyme viscosity.
- Produce xylo-oligosaccharides, mannose oligosaccharides, and other prebiotics, therefore improving the immunity of livestock and poultry.
- Improve intestinal microflora and intestinal health.

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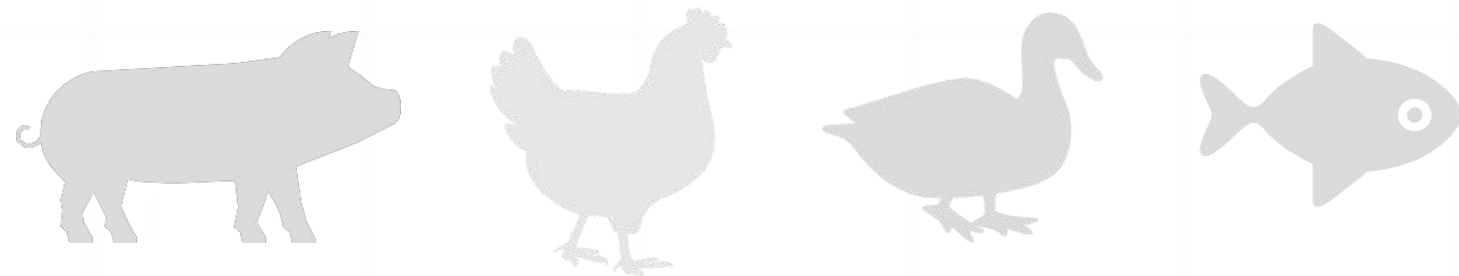


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## ➤ Animal application

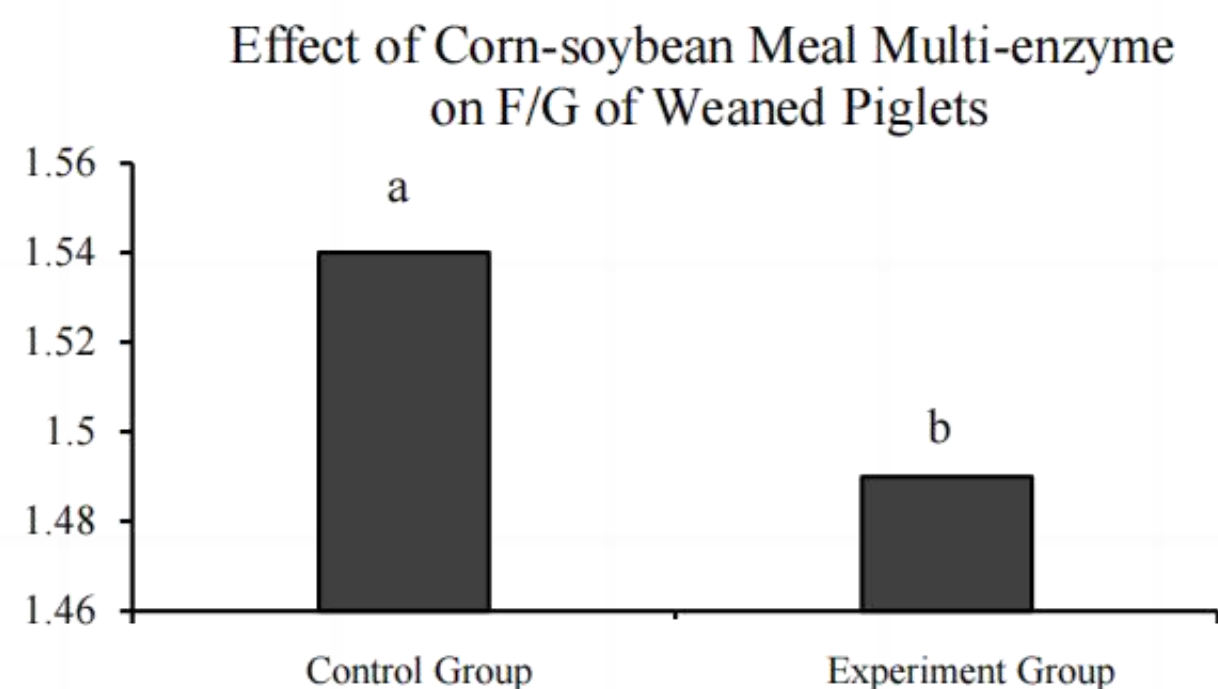
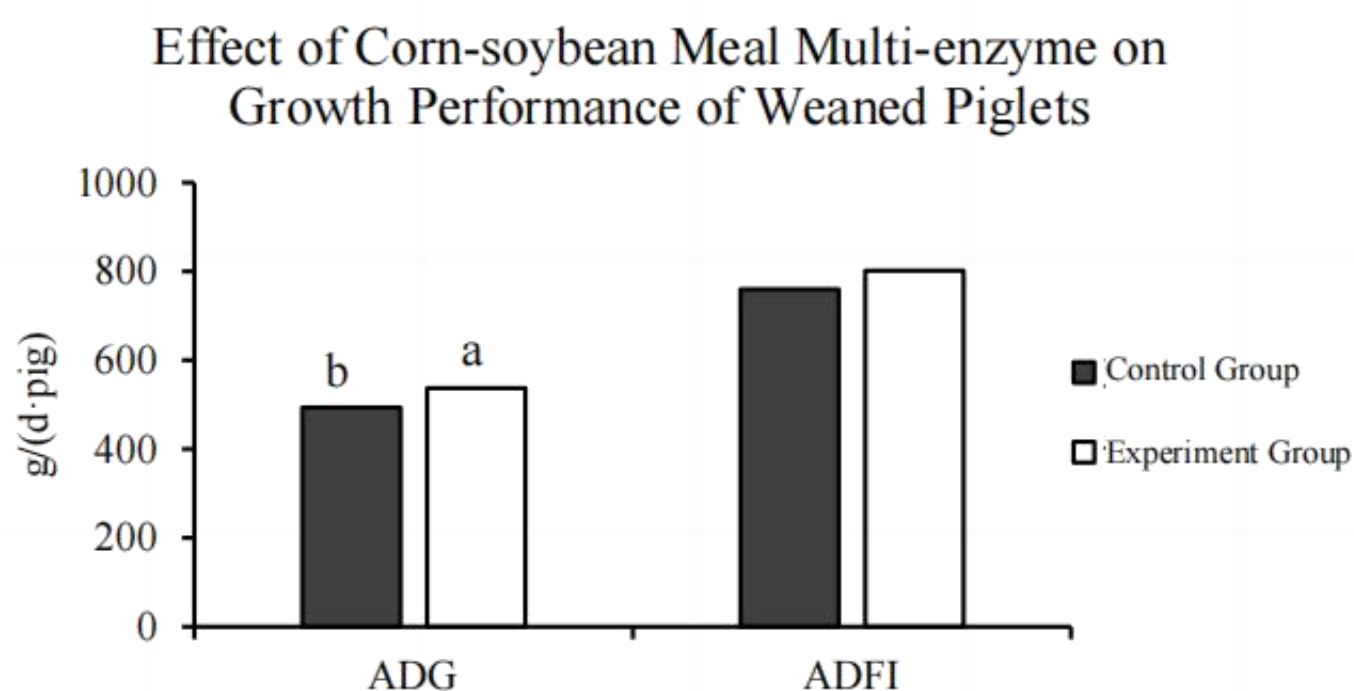


### ❑ Experiment 1: Effects of Dietary Supplemented with Corn-soybean Meal Multi-enzyme on Growth Performance, Blood Biochemical Indicators and Nutrients Utilization Rate of Weaned Piglets

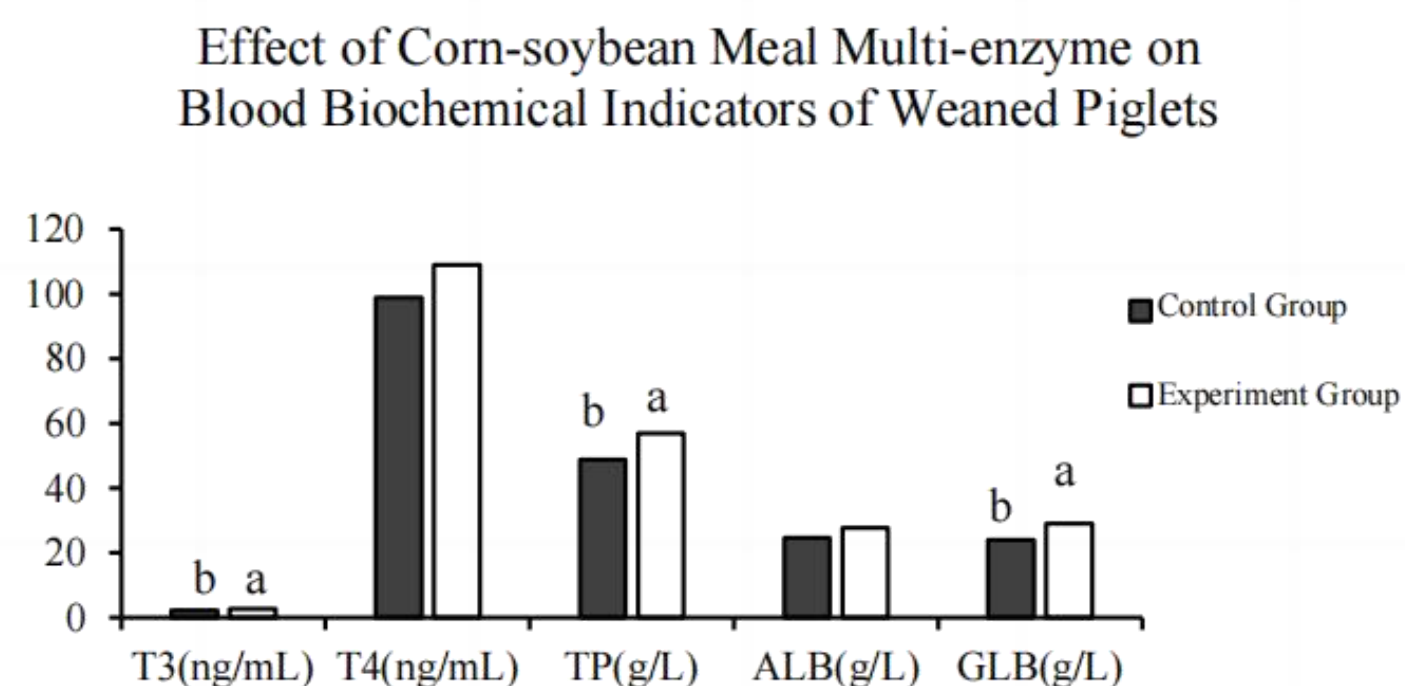
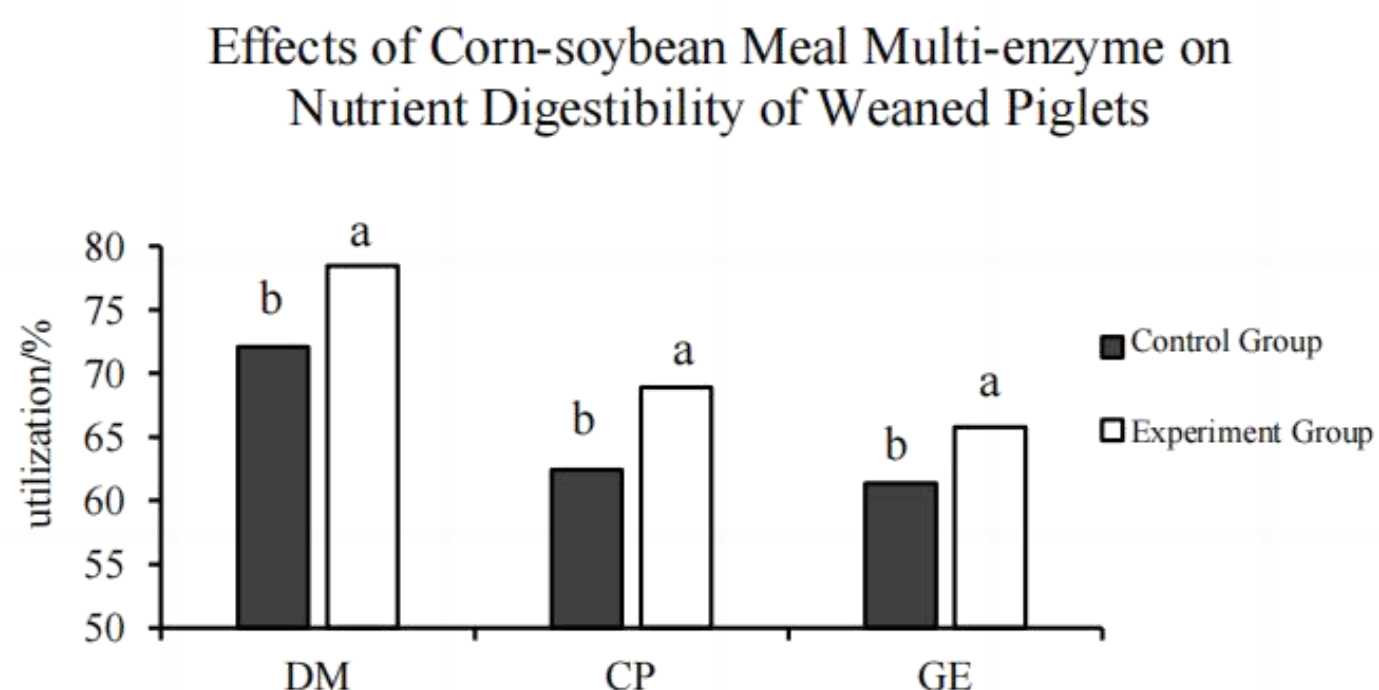
Table. Experimental Design

Groups	Treatments
Control Group	Basal Diet
Experiment Group	Basal Diets+300g/T Multi-enzyme

#### ◆ Improve the growth performance of weaned piglets



#### ◆ Improve the nutrient digestibility and enhance the immunity of animal body



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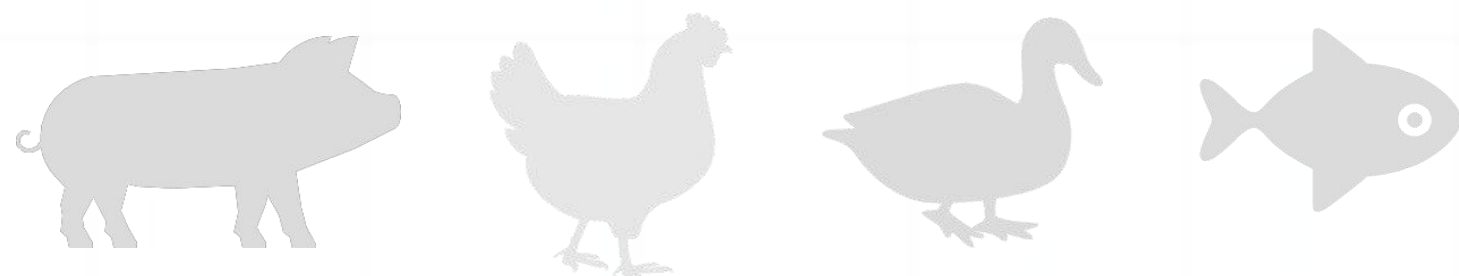
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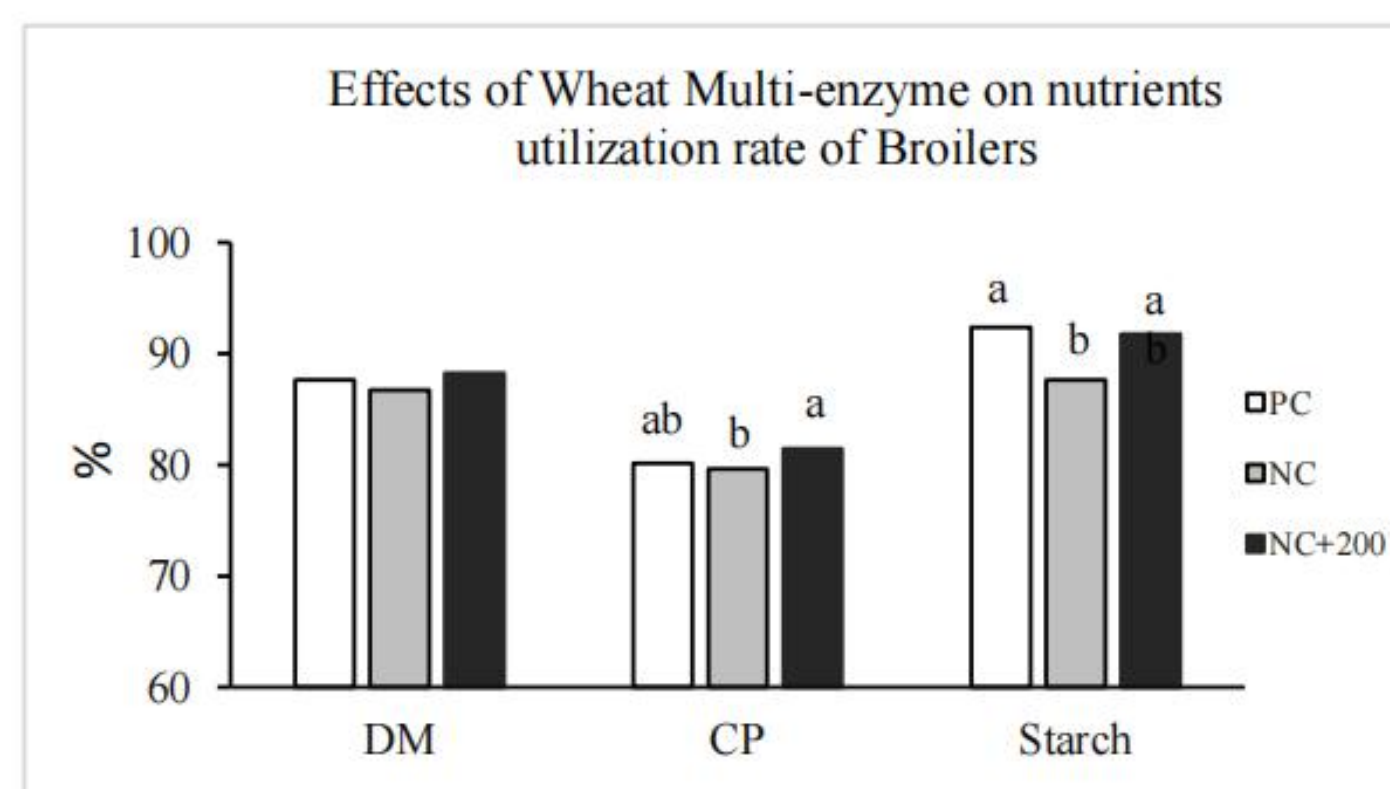
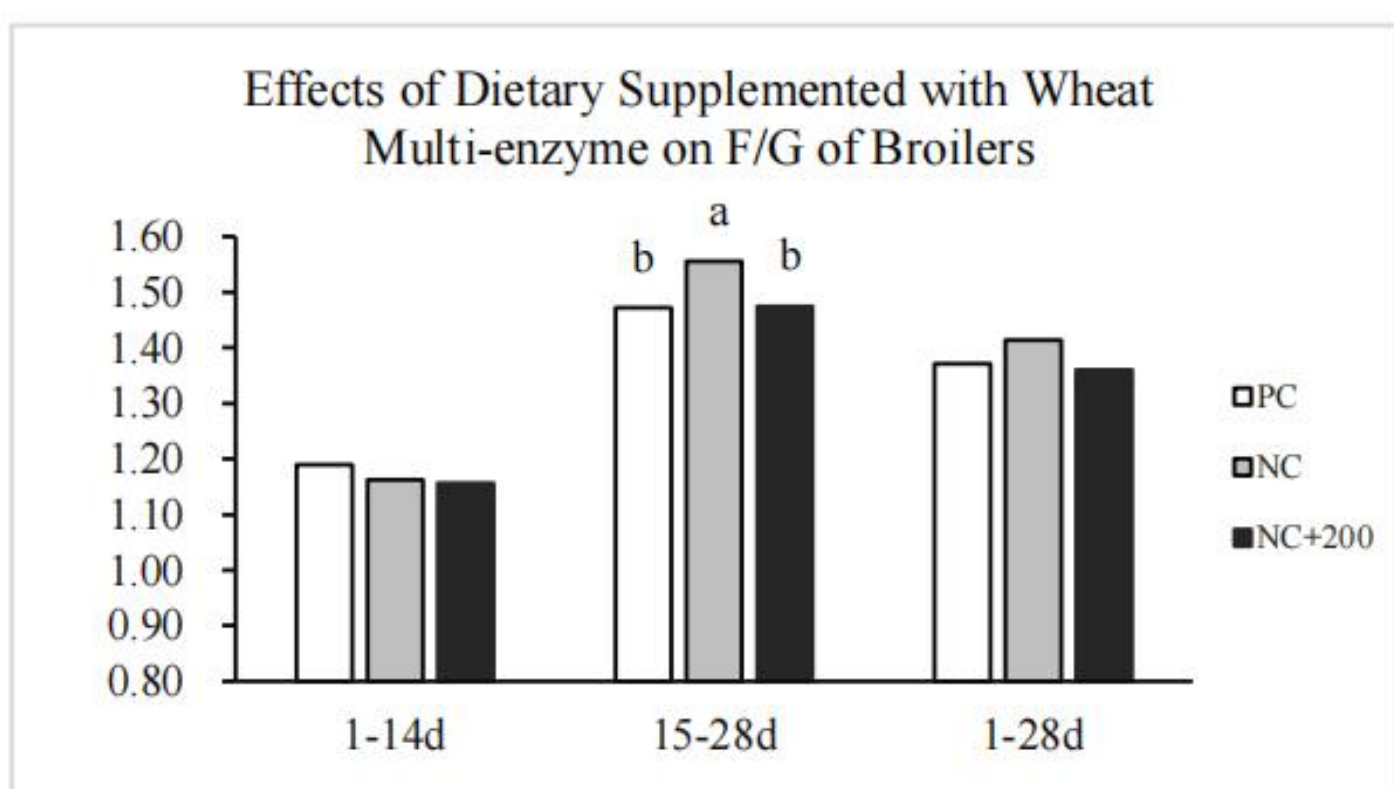
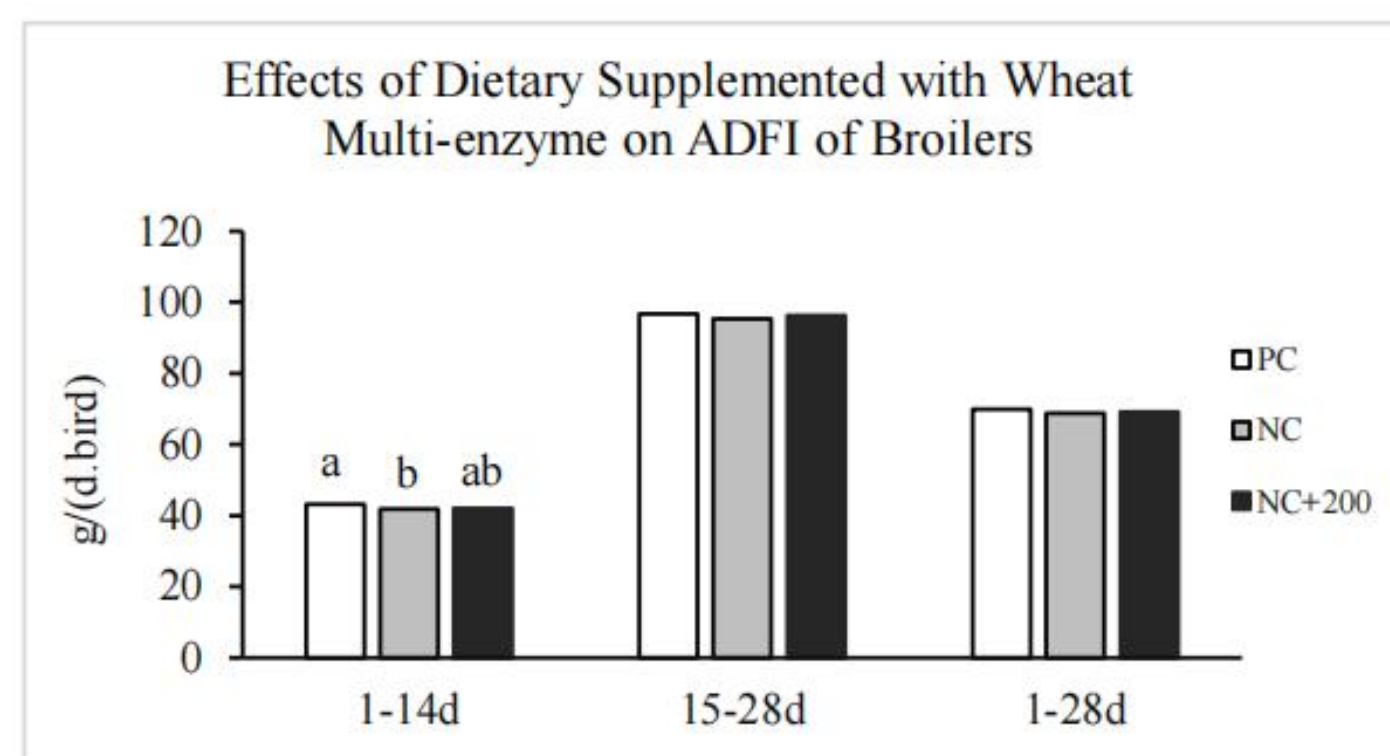
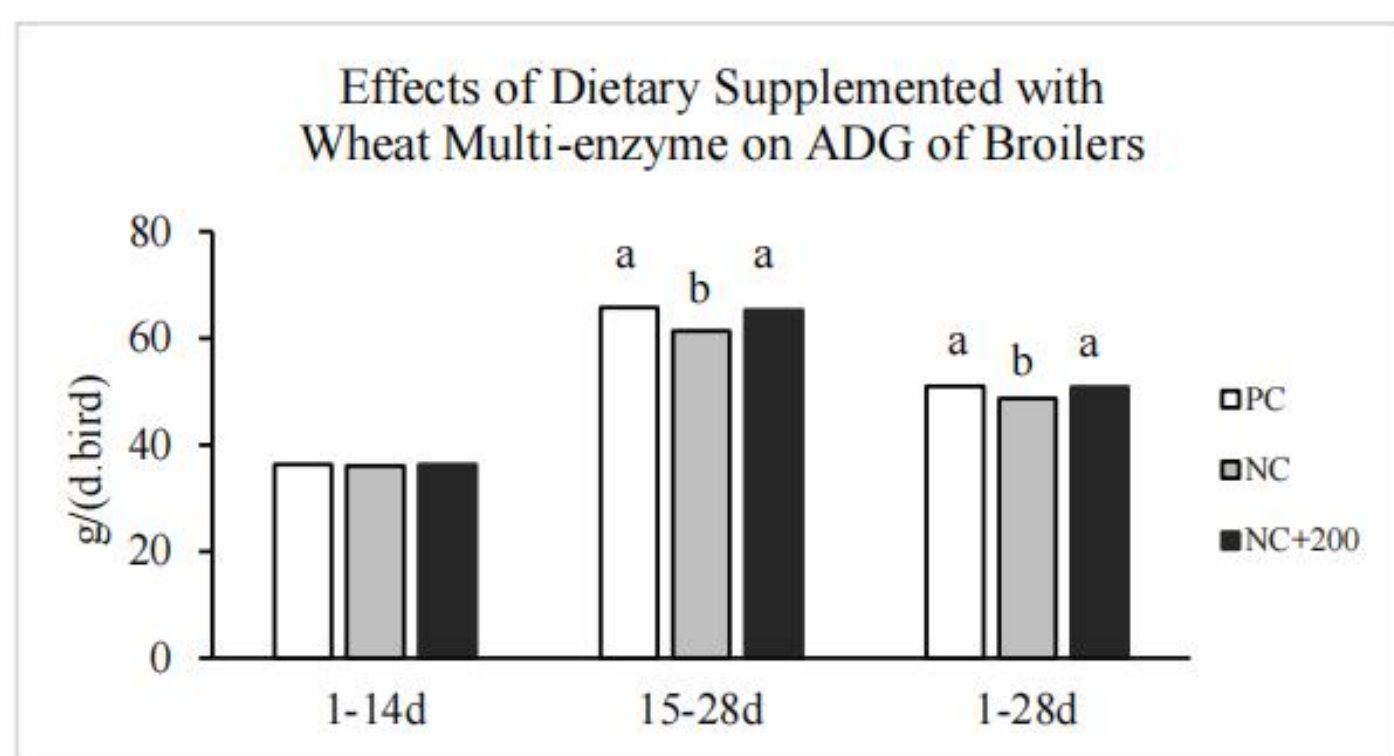


## ❑ Experiment 2: Effects of Dietary Supplemented with Wheat Multi-enzyme on Growth Performance and Nutrients Utilization Rate of Broilers

Table. Experimental Design

Groups	Diets
PC	Corn-soybean meal type diet
NC	Wheat type diet
NC+200	Wheat type diet + 200g/T Wheat Multi-enzyme

### ◆ Improve the growth performance and nutrient digestibility



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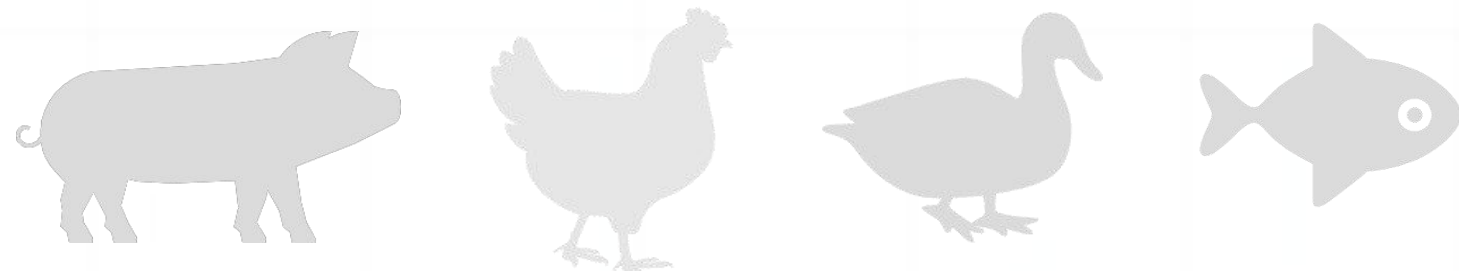
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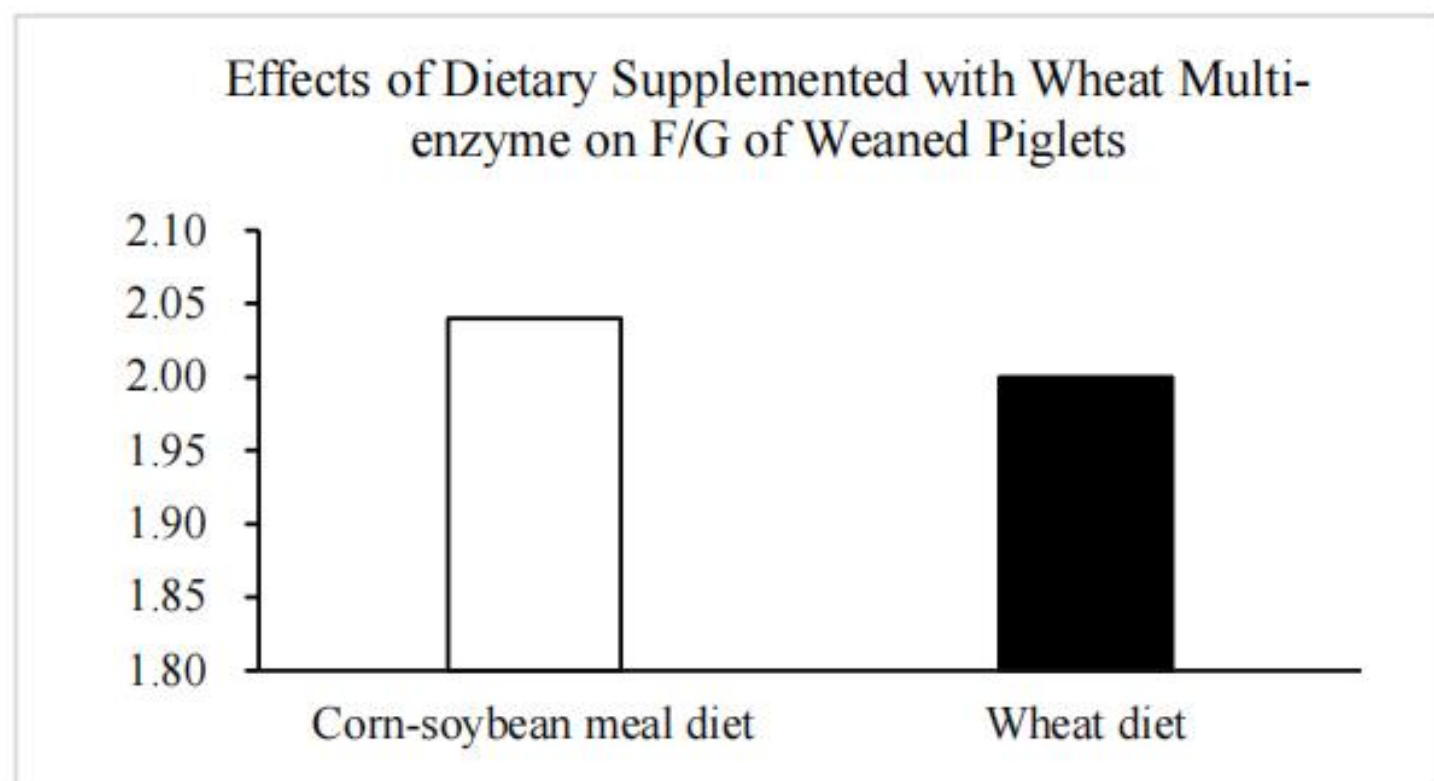
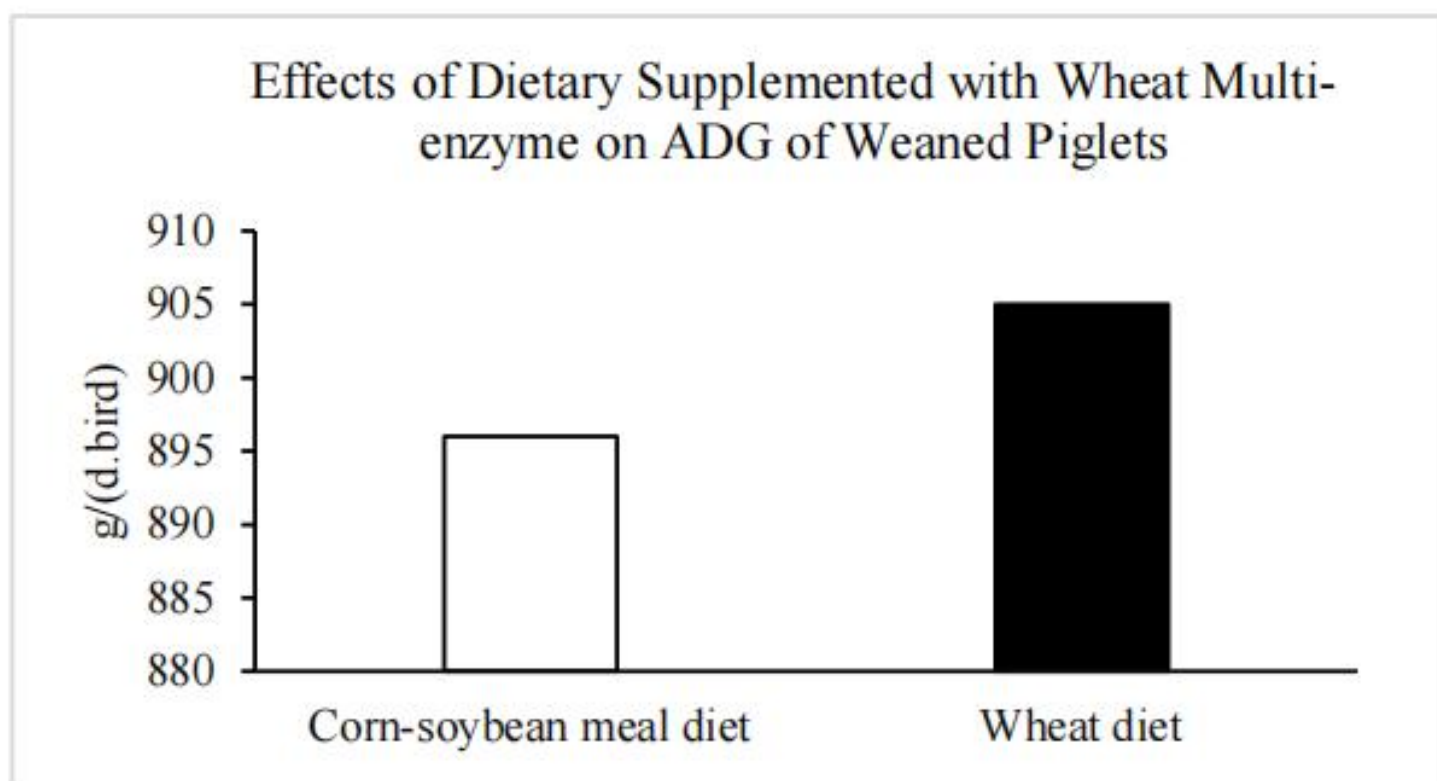


## ❑ Experiment 3: Effects of Dietary Supplemented with Wheat Multi-enzyme on Growth Performance of Weaned Piglets

Table. Experimental Design

Diets	Enzyme
Corn-soybean meal type diet	/
Wheat-soybean meal type diet	200g/T Wheat Multi-enzyme

### ◆ Improve the growth performance and nutrient digestibility



### ➤ Product Series

Name	Application
Corn-soybean meal multi-enzyme	100-300g/T in complete Feed
Miscellaneous meal multi-enzyme	100-300g/T in complete Feed
Wheat (barley) multi-enzyme	100-300g/T in complete Feed
Fresh maize multi-enzyme	100-300g/T in complete Feed
Other multi-enzymes	Customized

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