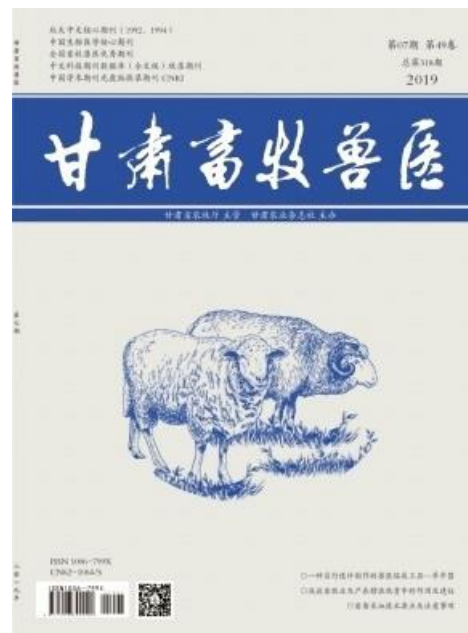


BIOAKTIV Far East

China: BioAktiv Professional Salis recommended for raising mutton sheep

In a research report, published in the Gansu Animal Husbandry and Veterinary Medicine Journal, the second issue in 2023, Qian Xu et al., researchers from the Yuzhong County Animal Husbandry and Aquaculture Technology Promotion Center, Gansu Province, China, recommended the use of BioAktiv Professional Salis for raising mutton sheep. In conclusion, the researchers reported that the application of BioAktiv animal growth promoter in the production of barn-feeding mutton sheep can increase the daily gain of fattening mutton sheep, reduce the cost of breeding, and increase economic benefits. Therefore, the use of BioAktiv animal growth promoter can be promoted for use in raising mutton sheep.

This study was conducted from March 18 to May 31, 2021 at Yuzhong Shengyue Mutton Sheep Breeding Professional Cooperative, Xiaokangying Township, Yuzhong County, Lanzhou City. The test period was 75 days, of which the pre-test period was 15 days and the proper test period was 60 days. Thirty-two Australian white sheep and Hu sheep hybrid two-month-old male lambs with similar body weight and good health were selected for the experimental study. The 32 lambs were randomly placed into four 4m × 3m pens, each pen containing eight lambs. Groups I and II were fed with concentrate feed + 70% silage + 30% hay, while groups III and IV were fed with concentrate feed + hay. In addition, test group I and III were fed with 3.2/g of BioAktiv Professional Salis in their drinking water. Groups II and IV served as control groups in the experiment. The BioAktiv Professional Salis used in the experiment was purchased from the BioAktiv distributor in China, Gansu Longtai Green Non-Antibiotic Breeding Co., Ltd.



Gansu Animal Husbandry and Veterinary Medicine Journal, 2019, 7th issue

The 60-day proper test period is split into three 20-day stages. The average daily gain (ADG) and feed conversion ratio (FCR) of the four groups of lambs found were as follows.

Stage	Parameter	Group I	Group II	Difference	Group III	Group IV	Difference
1-20 days	ADG	271.88	242.50	+12.12%	258.13	249.38	+3.51%
21-40 days	ADG	349.69	329.38	+6.17%	376.25	341.25	+10.25%
41-60 days	ADG	252.19	220.63	+14.30%	216.25	189.38	+14.18%
1-60 days	ADG	291.25	257.92	+12.92%	276.67	260.00	+6.41%
	FCR	5.53	6.32	-12.5%	5.86	6.31	-7.13%

The findings show that the test groups I and III had higher ADG (as high as +12.92%) and lower FCR (as low as -12.5%) than the control groups II and IV although not statistically significant.

Parameter	Unit	Group I	Group II	Group III	Group IV
Total weight gain	kg/sheep	17.48	15.48	16.60	15.60
Income from weight gain	¥/sheep	559.36	495.36	531.20	499.20
Feed cost	¥/sheep	262.75	261.47	283.82	287.33
Additive cost	¥/sheep	15.36	0.00	15.36	0.00
Gross profit	¥/sheep	281.25	233.89	232.02	211.87

The use of BioAktiv Professional Salis can also provide extra economic benefits. Gross profits of both test groups I and III were higher than those of the control group II and IV. The extra profit was as high as ¥47.36 or 20% higher than that of the control.

After confirming that BioAktiv Professional Salis could improve the production performance of mutton sheep and provide economic benefits, the researchers at Yuzhong County Animal Husbandry and Aquaculture Technology Promotion Center also mentioned that the findings were consistent with the results obtained in pilot studies using the same product in broiler chicken farming. In recommending the use of BioAktiv Professional Salis for raising mutton sheep, they also mentioned that, besides the commercial benefits BioAktiv Professional Salis provides, the product has been certified by the EU that it is made from neutral and non-toxic materials harmless to farm workers, animals and the environment. As such, the use of BioAktiv Professional Salis as an animal growth promoter enable us to avoid the risks brought about by antibiotics.

- [Original report \(Chinese\)](#)
- [Report \(English translation\)](#)