



Ruminant Active Feed Dry Yeast

Ruminant special live yeast



Suitable for rumen environment

High purity and activity



Yeast For Animal Nutrition

ANGEL YEAST CO., LTD.

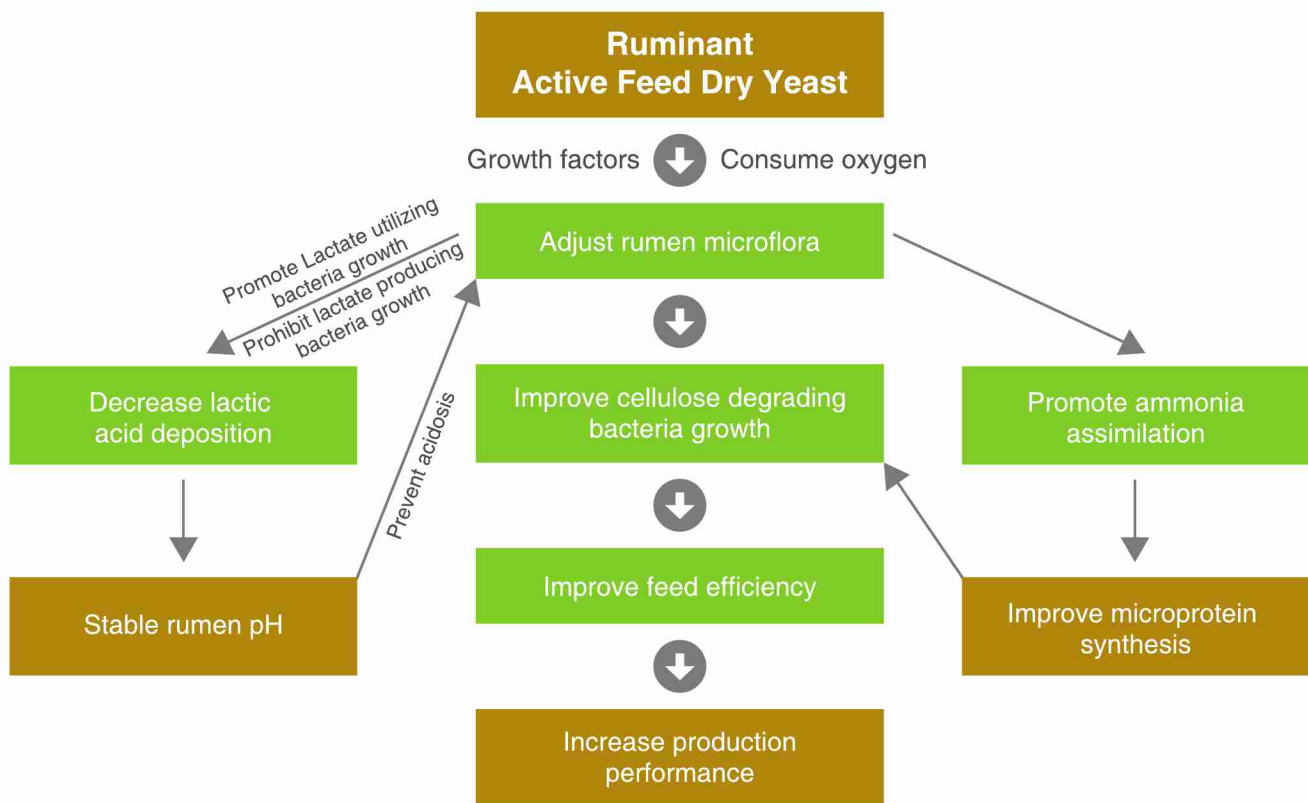
Description

Fubon Active Feed Dry Yeast (ruminant) is ruminant special live yeast product. It is produced by submerged fermentation of selected strains of *Saccharomyces cerevisiae* from rumen. It can adapt to the rumen environment and improve the feed digestion via adjusting the rumen microflora.

Efficacy

- Stable the rumen pH, prevent occurrence of acidosis
- Reduce chronic feed-passage problem, improve feed digestion
- Raise milk yield and weight gain

Mode of Action



Guaranteed analysis

Live yeast count $\geq 2 \times 10^{10}$ cfu /g



Application trails

Fubon Active Feed Dry Yeast (ruminant) can balance the rumen lactate-metabolizing bacteria and stable the rumen pH.

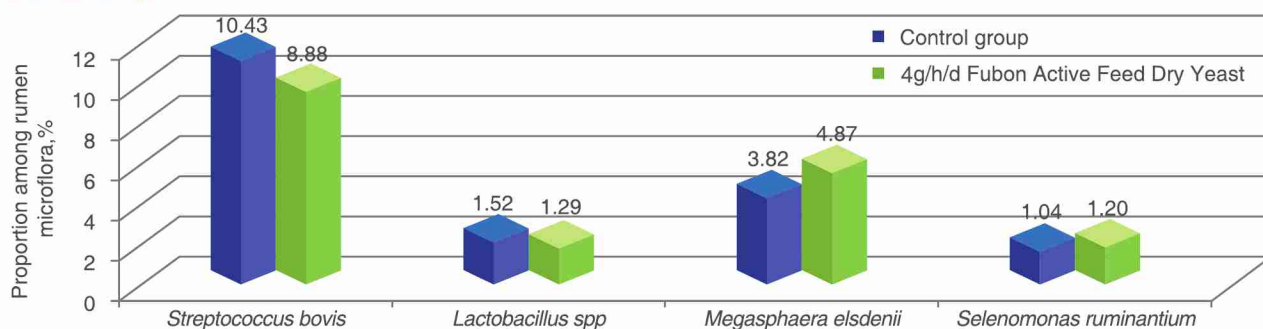


Figure 1. Effects of Fubon Active Feed Dry Yeast (ruminant) on rumen lactate-metabolizing bacteria Kang Kun, 2014

Table 1. Fubon Active Feed Dry Yeast (ruminant) can stable the rumen pH

Rumen pH	Control	4g/h/d Active Feed Dry Yeast (ruminant)
Day 1 st	6.05±0.08	6.02±0.13
Day 20 th	5.85±0.14 ^A	6.19±0.06 ^B

Experimental animals: 6 dairy cows with ruminal cannula

Experiment period: 20 days

Kang Kun, 2013

Fubon Active Feed Dry Yeast (ruminant) improve reproduction of cellulose degrading bacteria, increase feed conversion.

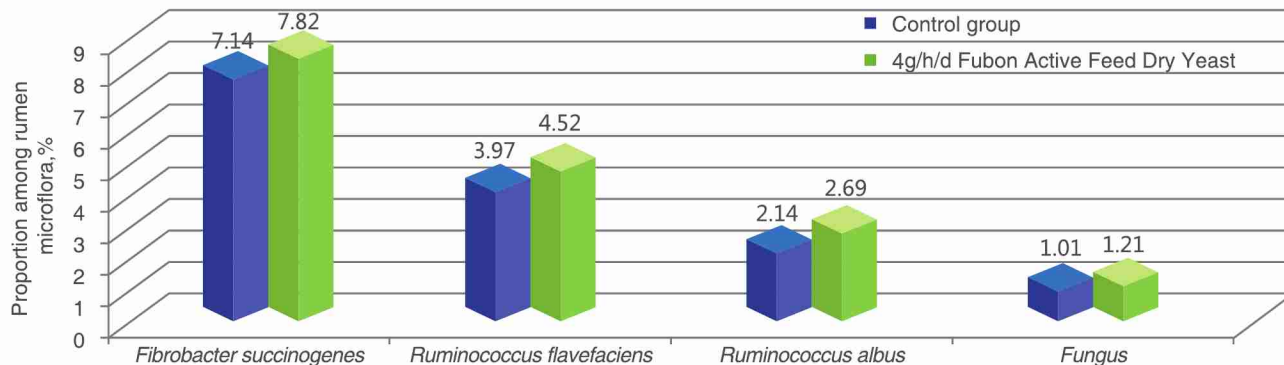


Figure 2. Effects of Fubon Active Feed Dry Yeast (ruminant) on cellulose degrading bacteria

Experimental animals: 128 dairy cows during the lactating period of 80-160th day. Experimental period: 77 days

Kang Kun, 2013

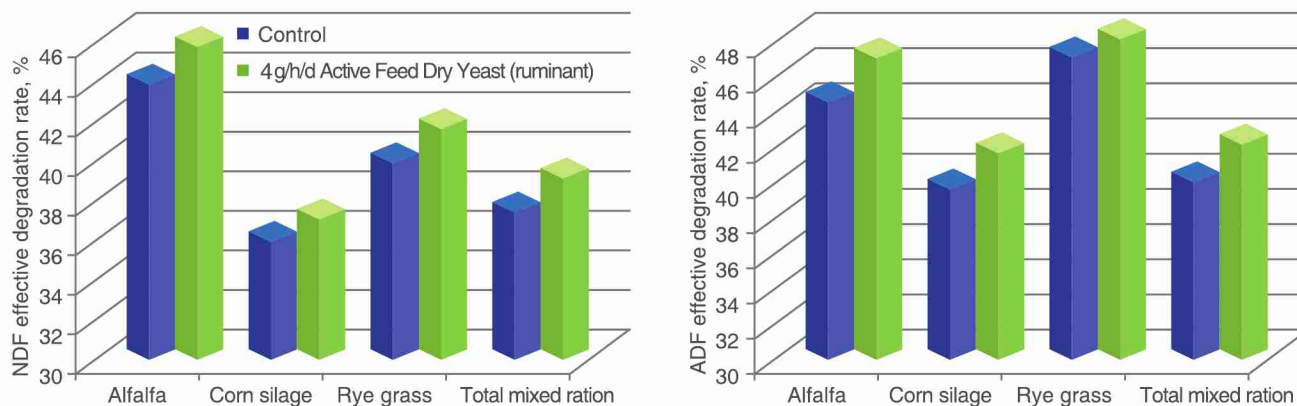


Figure 3. Effects of Fubon Active Feed Dry Yeast (ruminant) on effective degradation rate of neutral detergent fiber(NDF)and acid detergent fiber(ADF)of different feed in rumen by nylon bag technique.



Digestion Analyzer



Control treatment



4g/h/d Fubon Active Feed Dry Yeast (ruminant)

Total residue feces: 0.35kg

Undigested corn and cotten seeds: 34 granules

Total residue feces: 0.14kg

Undigested corn and cotten seeds: 14 granules

Figure 4. Effects of dietary addition of Fubon Active Feed Dry Yeast (ruminant) on the amount of feces that cannot pass the first layer of sieve mesh

Fubon Active Feed Dry Yeast can increase dairy milk yield and cattle weight gain

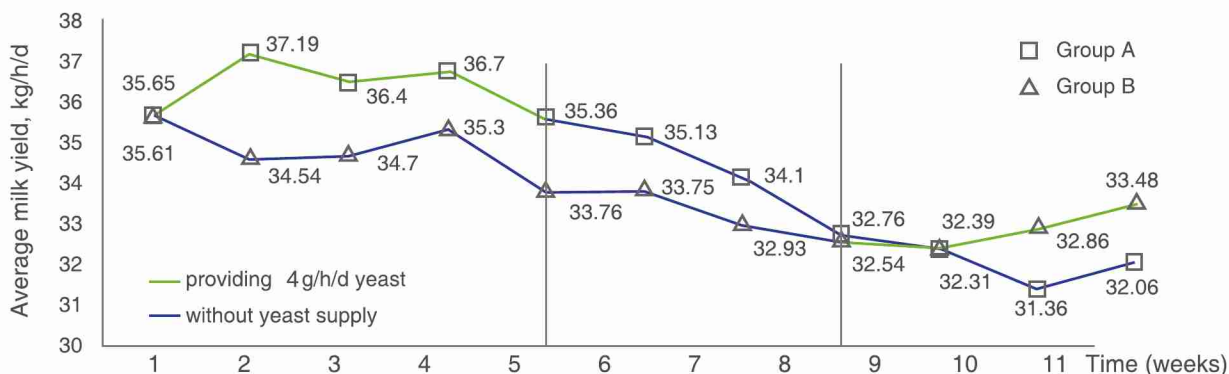


Figure 5. Effects of dietary application of Fubon Active Feed Dry Yeast (ruminant) on milk yield

Experimental animals: 128 dairy cows during the lactating period of 80-160th day. Experimental period: 77 days Kang Kun, 2013

Table 2. Effects of dietary application of Fubon Active Feed Dry Yeast (ruminant) on weight gain of beef cattle.

	Initial weight (kg)	Final weight (kg)	ADFI based on dry matter (kg)	ADG (kg)
Control	327.5±11.77	379±10.48	7.93±0.24	0.74±0.05
4g/h/d Fubon Active Feed Dry Yeast (ruminant)	328.5±10.76	388.5±11.13	7.92±0.22	0.86±0.10

Experiment animals: 20 fattening beef cattle. Experimental period: 70 days.

Kang Kun, 2013

Dosage

Dairy cow (g/h/d)			Beef cattle (g/h/d)	Goat,sheep (g/h/d)
Lactation,perinatal period	Dry period	Growing period	Fattening perod	Fattening period
4 - 5	4	3 - 4	3 - 4	2

Incorporate into the concentrated feed by gradual blend method.

Package 10kg per carton with vacuum packaging.

Storage The shelf life is 24 months, please keep in a cool and dry place.

Attentions Please use up once it been opened.



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