



YeaVita R

Special live yeast for ruminant

- Increase milk yield
- Prevent acidosis

Description

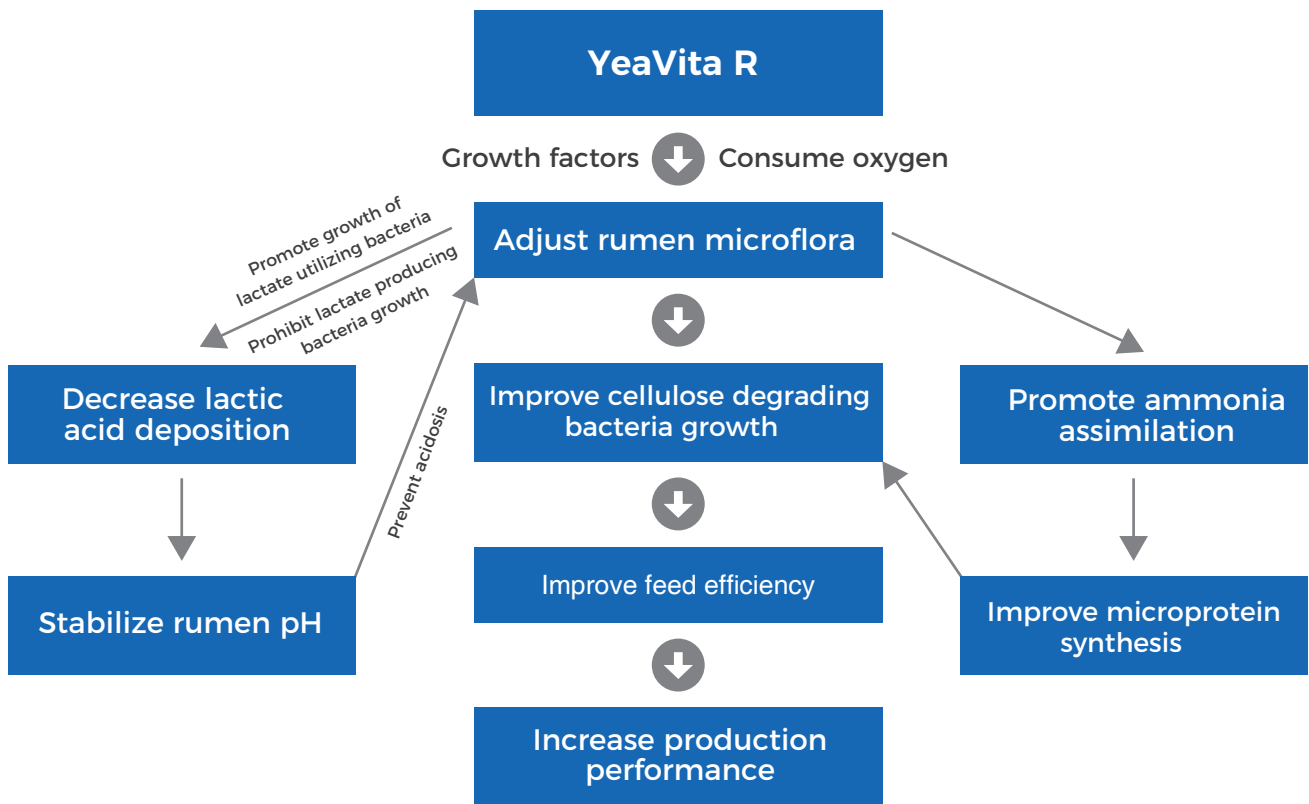
YeaVita R is a live yeast product special for ruminant, and produced by submerged fermentation of selected strains of *Saccharomyces cerevisiae*. YeaVita R can adapt to the rumen environment and improve the feed digestion via adjusting the rumen microflora.

YeaVita R+ is coated and can endure the high temperature of pelleting.

Efficacy

- Stabilize rumen pH, prevent acidosis
- Improve fiber digestibility
- Increase milk yield and growth performance

Mode of action



Application trails

YeaVita R balanced the rumen lactate-metabolizing bacteria and stabilized the rumen pH.

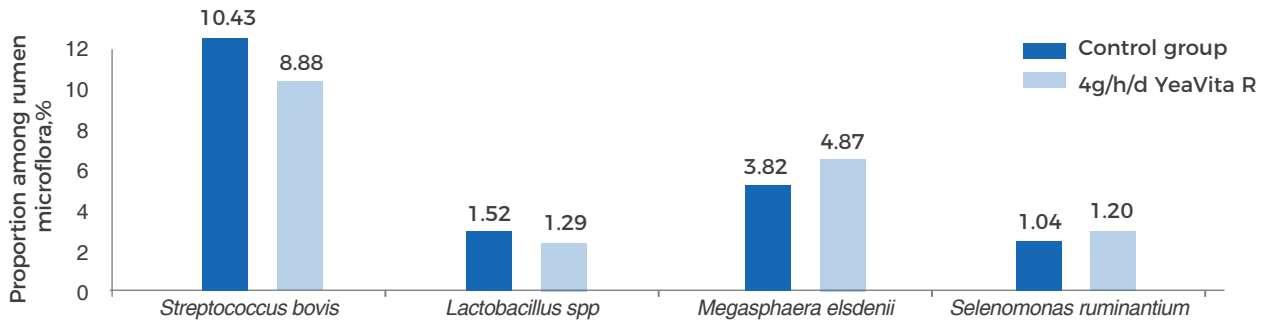


Figure 1. Effects of YeaVita R on rumen lactate-metabolizing bacteria Kang Kun, 2014

Table 1. YeaVita R stabilized the rumen pH

Rumen pH	Control	4g/h/d YeaVita R
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

YeaVita R improved reproduction of cellulose degrading bacteria, increased fiber digestibility

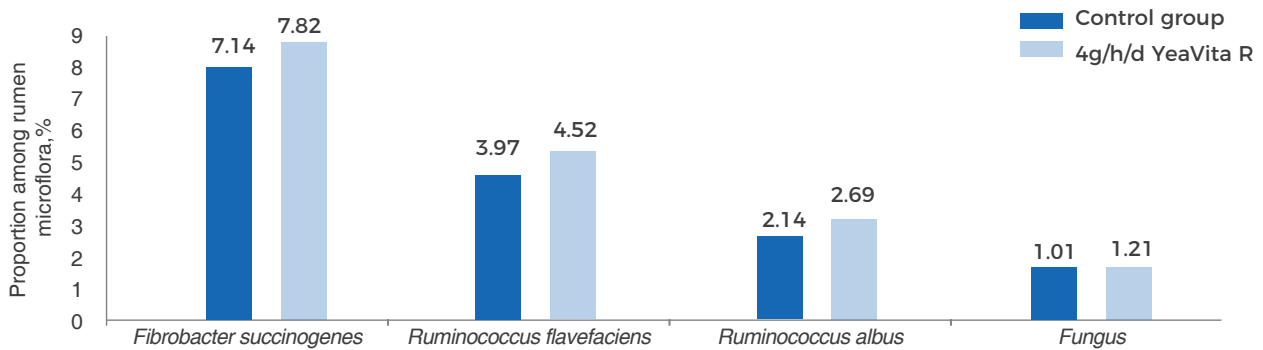


Figure 2. Effects of YeaVita R on cellulose degrading bacteria

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

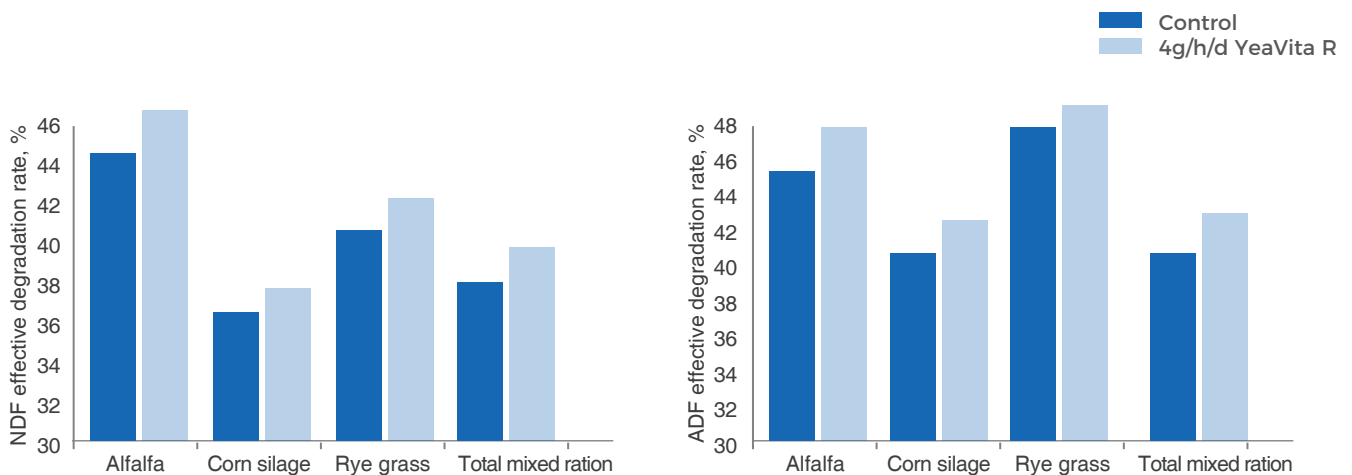


Figure 3. Effects of YeaVita R on effective degradation rate of neutral detergent fiber(NDF) and acid detergent fiber(ADF)of different feed in rumen by nylon bag technique.



Digestion Analyzer



Control treatment
Total residue feces: 0.35kg



4g/h/d YeaVita R
Total residue feces: 0.14kg

Figure 4. Effects of YeaVita R on the amount of feces that remain on the first layer of sieve mesh

YeaVita R increased dairy milk yield and cattle weight gain

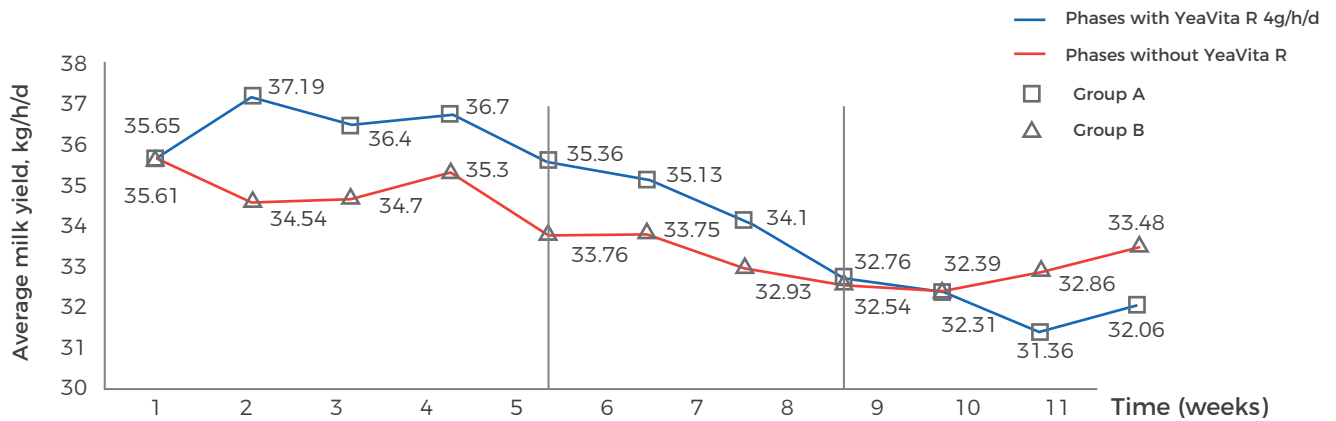


Figure 5. Effects of dietary application of YeaVita R on milk yield

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

Table 2. Effects of YeaVita R on weight gain of beef cattle

Group	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 YeaVita R	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 period	Fattening period
4-5	4	3-4	3-4	2

Incorporate into the concentrated feed by gradual blend method.