

YeaVita

Probiotic product of Saccharomyces cerevisiae



Special strain suitable for intestine environment
Compatible with antibiotics
High purity & activity





Description

YeaVita is high purity live yeast product for livestock. It is produced by submerged fermentation of selected strains of *Saccharomyces cerevisiae* from monogastric animals. It can adapt to the gastrointestinal low pH environment and improve the feed digestion via balancing the intestine microflora.

Efficacy

- Improve fermentation in hindgut, reduce constipation incidence of sow
- Improve feed digestibility, promote animal growth
- Improve breeding environment (reduce ammonia and manure emission)

Wode of Action

Regulate intestinal microflora

As its facultative anaerobic property, the yeast cells can scavenge oxygen in the digestive tract of animals and make an anaerobic condition that can prohibit the replication of harmful bacteria, like *E. Coli* and Salmonella, and increase the multiplication of beneficial bacteria, like Bifidobacteria and Lactic acid Bacteria.

Produce organic acid, reduce intestinal pH

The yeast in gut can utilize chyme and produce various organic acids including lactic acid, acetic acid, citrate acid, malic acid, which can release the effect of shortage on gastric acid secretion of young animals.

Guaranteed analysis

Live yeast count ≥ 20billion/g

Application trails

YeaVita is compatible with antibiotics

Table 1. Sensitivity of YeaVita on commonly used antibiotics.

Antibiotics	MIC	MBC	MBC/MIC
Chlortetracycline, CTC	50.0	>100.0	>2
Virginia- mycin, VGM	50.0	>100.0	>2
Flavomycin, FVM	25.0	100.0	4
Florfenicol, FFC	50.0	>100.0	>2
Lincomycin hydrochloride, LCM	100.0	>100.0	>1
Enramycin, ERM	50.0	>100.0	>2
Bacitracinzinc, BCT	50.0	>100.0	>2
Thiamphenicol, TPN	50.0	>100.0	>2

Antibiotics	MIC	MBC	MBC/MIC
Norfloxacin, NFC	50.5	>100.0	>2
Oxytetracycline hydrochloride, OTC	100.0	>100.0	>1
Neomycin sulfate, NMC	25.0	100.0	4
Furazolidone, FZD	100.0	>100.0	>1

Note: MIC: Minimum inhibitory concentration (mg/L); MBC: Minimum bactericidal concentration (mg/L).

The activity of YeaVita can be well preserved in feed

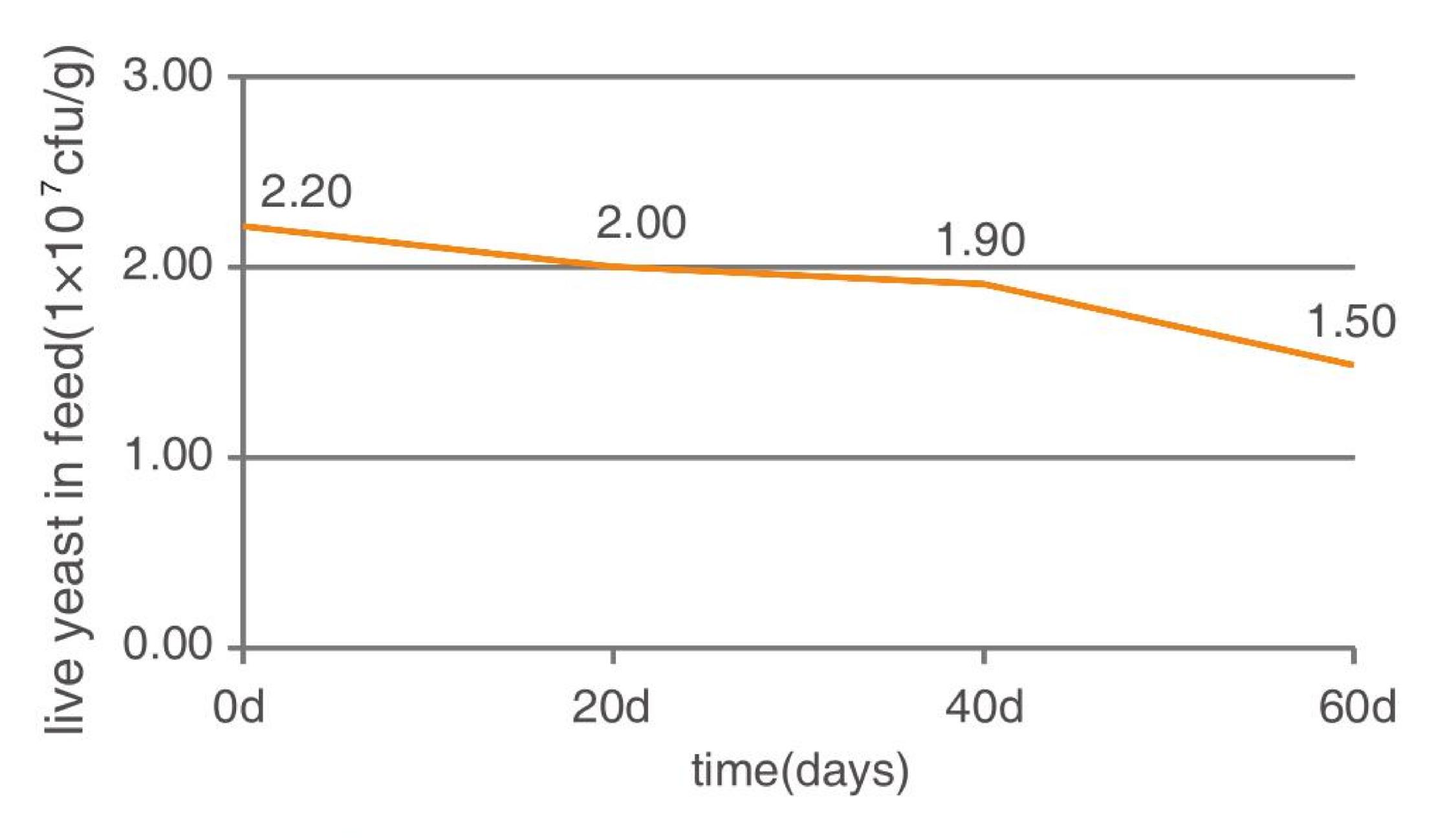


Figure 1. The live yeast count trends when added in concentrate feed

YeaVita can adapt the low pH condition in Stomach, revive quickly and play a role in gastrointestinal tract.

YeaVita

Stomach10⁷cfu/g

Cecum 10⁵cfu/g

Heum 10⁷cfu/g //

Feces 10⁴cfu/g

Figure 2. The live yeast count in gastrointestinal tract after oral intake of YeaVita.

Jejunum 107cfu/g

YeaVita improve the lactation performance of sows, reduce piglet diarrhea incidence

Table 2. Effects of YeaVita on sow reproduction performance and piglet health status

Item	Control	1kg/t YeaVita
ADFI of sow (kg/d)	5.39±0.18	5.59±0.10
Litter weight at weaning (kg/litter)	61.05±3.53 ^a	73.43±5.09 ^b
Average weaning weight (kg/head)	6.68±0.10 ^a	7.71±0.51 ^b
Diarrhea incidence of piglet (%)	2.09±0.64	1.50±1.06

a-b Means within a row lacking a common superscript differ (P < 0.5).

Animals for experiment: fifth-parity Yorkshire sows.

Experimental period: a total of 56 days (from 86th day of sow pregnancy to 28th day post partum).



Reduce constipation incidence of sow

YeaVita can increase feed intake and weight gain of piglets

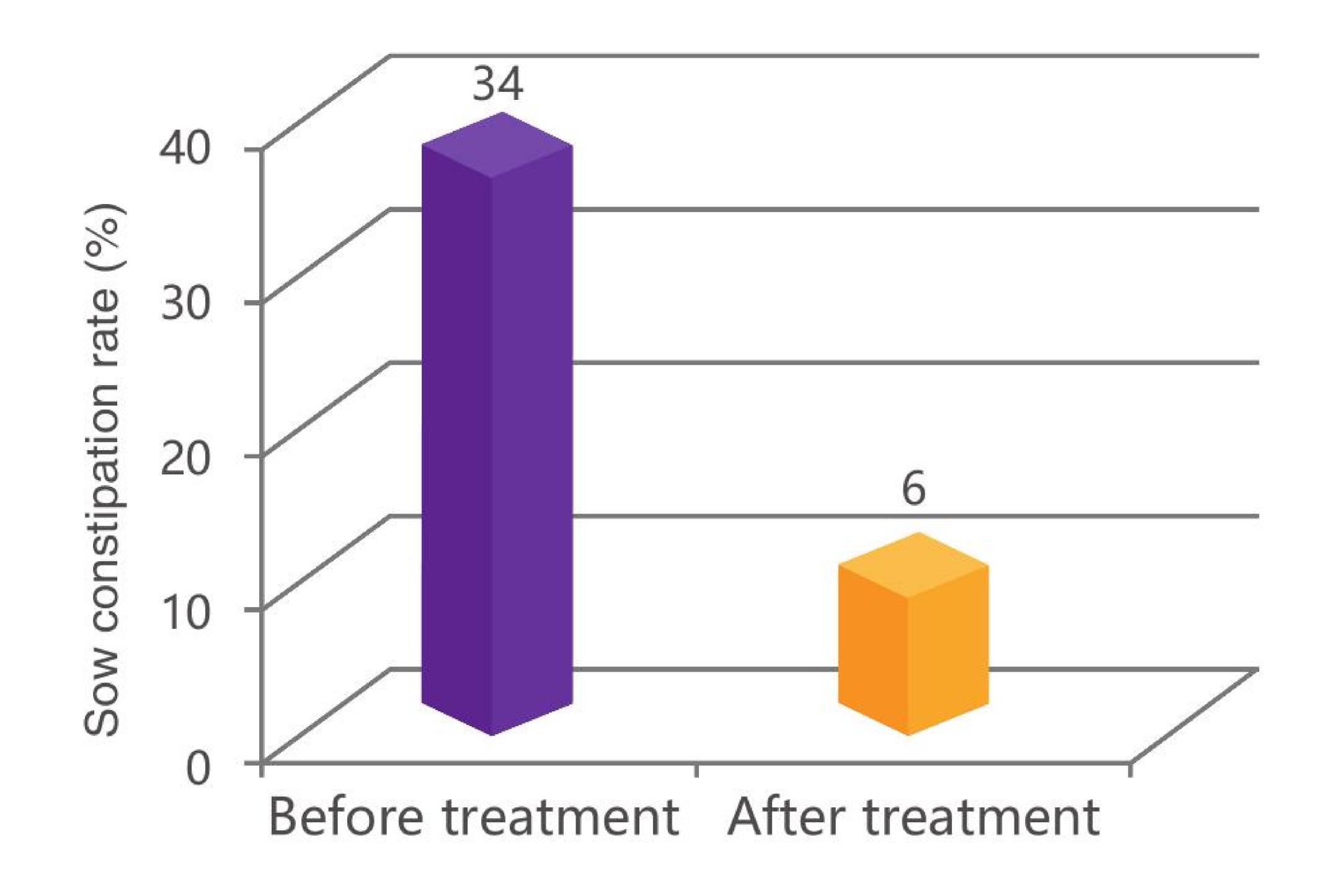


Figure 3. The reduction of sow constipation after YeaVita been incorporated.

Animal: 585 heads pregnant sows

Dosage: 0.6kg/t YeaVita. Trial was performed

20 days

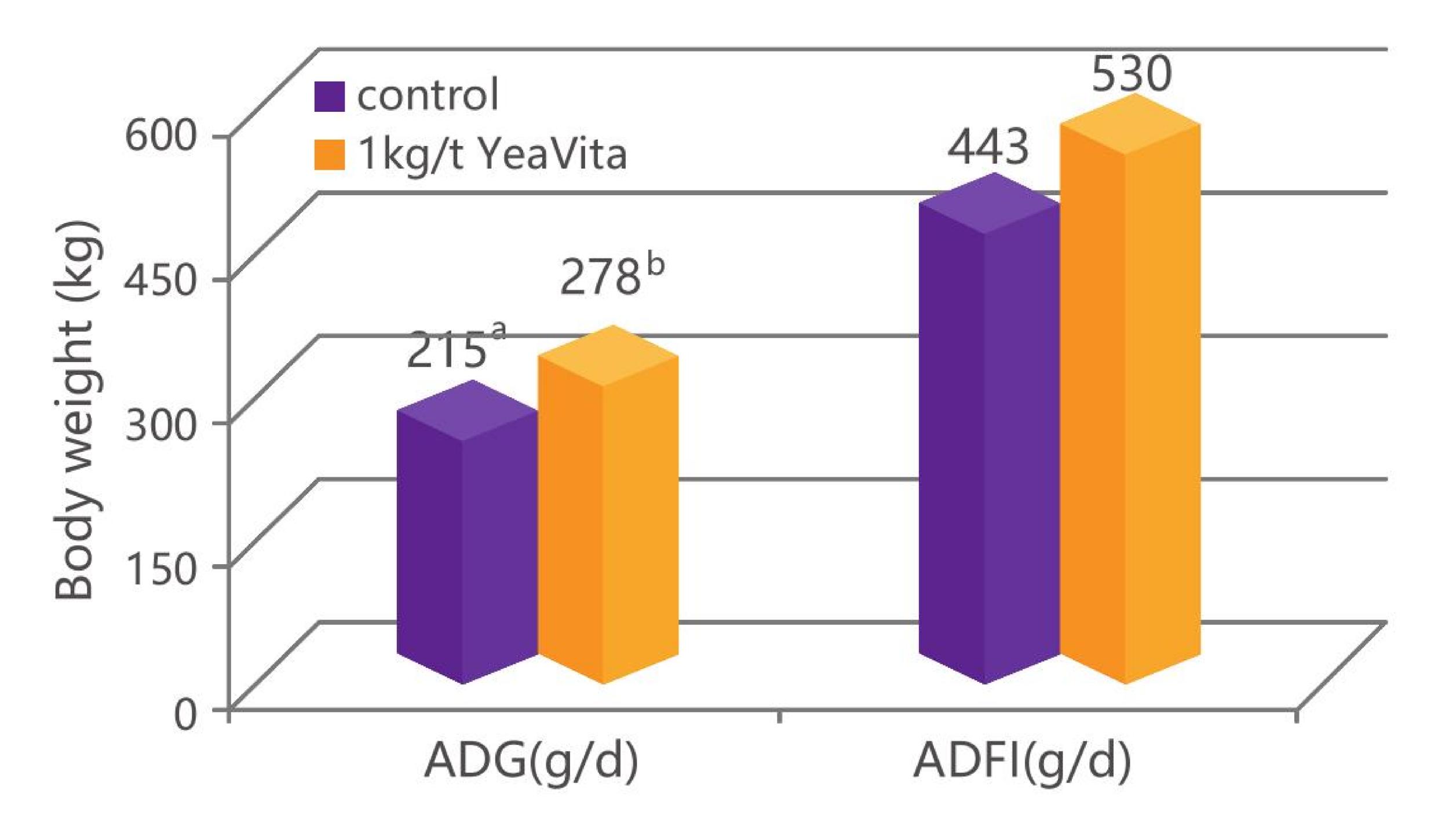


Figure 4. Effects of YeaVita on piglet ADG and ADFI

a-bMeans within a row lacking a common superscript differ (P < 0.5)

Animals: 28 days old weaned piglets
The experiment was conducted 28 days

Dosage and usage

Animal	Benefit	Dosage(in feed)
Piglet	Lower diarrhea incidence Improve feed digestibility and animal growth	500-1000g/t
Growing-finishing pigs	Improve feed efficiency Prevent diarrhea incidence at autumn & wintere	250-500g/t
Sow	Improve hindgut fermentation, reduce constipation of sow Increase the lactation performance of sows and health status of postnatal piglet. Reduce pathogens in feces, improve breeding environment	500-1000g/t
Poultry	Improve the feed digestibility Reduce watery stool occurrence	300-600g/t

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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