



Fubon[®] animal nutrition division

About Angel yeast

Angel Yeast Co. founded in 1986, is a high-tech listed company, which is specialized in the production and research of yeast and yeast derivatives in china. As one of the largest yeast manufacturers in the world, up to now, Angel has set up more than 10 factories in the world.

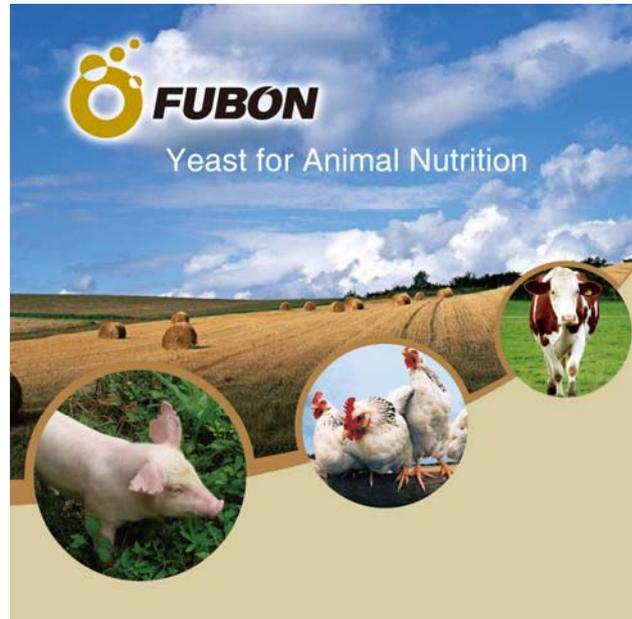
What is Fubon[®]

Fubon[®] is the brand of Angel Yeast in animal nutrition field.

Fubon[®] animal nutritional products, a kind of biological feed additive, can effectively strengthen animals' immune systems, promote the digestion and absorption of feed, and improve the quality of animal products. Fubon[®] feed additives are without toxicity, side effect and residual pollution.

Fubon[®] bio-feed products:

Active Feed Dry Yeast
Active Feed Dry Yeast(Ruminant)
Yeast Cell Wall
Soluble Yeast Cell Wall
Selenium Yeast
MOS
Autolyzed Yeast
Yeast Glucan
Bacillus Subtilis
Mycotoxin Binder



Why choose Fubon[®] products?

As one of the leading yeast manufacturers in the world, Angel Yeast focuses on yeast research for about 25 years, and now it has the annual yeast production capacity of more than 100 thousand MT.

- Strictly selected yeast strains that fit for using in livestock;
- Main products can be manufactured in any of three plants, which enables Angel to avoid supply risk;
- Certified ISO9001, ISO22000, HALAL, KOSHER
- 4 technology centers, R & D team and technical application team led by over a dozen PhDs and animal nutrition experts;
- Comprehensive farm trials are carried out in our experimental base;
- Angel Yeast Co., LTD is one of the vice Chairman Units of China Animal Husbandry and Veterinary Association;
- Angel has established distribution network in over 100 countries to ensure the timely supply of goods.

Angel Yeast Co., Ltd.

address: 168 Chengdong Avenue, Yichang, Hubei, China. 443003
Tel: 86-717-6369520 Fax: 86-717-6370680
E-mail: zuojh@angelyeast.com web site:<http://en.angelyeast.com/>



Fubon[®] Selenium Yeast

Description

Fubon[®] Selenium Yeast is an organic selenium enriched yeast product for use in premixes for chickens, turkeys, pork, beef cattle, dairy cattle, horses, sheep and aquaculture.

Physical Characteristics

Item	Index
Color	Light yellow to brown
Odor	Special yeast odor, no rotten or unpleasant smell
Purity	Without foreign substances
Appearance	Powder or granule

Guaranteed Analysis

Item		Index
Selenium (PPM)	≥	2000
Crude protein (%)	≥	35
Moisture (%)	≤	6.0
Ash (%)	≤	8.0
As (mg/kg)	≤	2.0
Pb (mg/kg)	≤	5.0
Total bacterial plate count (cfu/g)	≤	2.0×10^6
Salmonella		Negative

Dosage

Animal	Broiler	Layer	Breeder	Swine	Sow & Boar	Dairy & Beef
Dosage (gram per ton complete feed)	50-100	100-150	150	100-150	150	10-15g/day

Storage and Packaging

Store in a cool and dry place.

Packaging: 25KG paper bag with polyethylene liner.

Shelf life: 24 months from production date when stored in its original packaging.

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Fubon[®] Active Feed Dry Yeast

Description

Fubon[®] Active Feed Dry Yeast is a probiotic feed additive, produced by using a selected yeast strain of *Saccharomyces cerevisiae*, adding various nutrients and other growth factors, and adopting submerged aerobic fermentation and sterile processing conditions to create the pure and viable yeast product. Fubon[®] Active Feed Dry Yeast can enhance animal's appetite and feed digestion and absorption ratio; decrease bacterial number in animal excreta and improve breeding environment; adjust microbial flora balance in intestines and stomach, accelerate reproduction of beneficial bacteria, and decrease bacterial diarrhea.

Physical Characteristics

Item	Index
Color	Light yellow to light brown yellow
Odor	Special yeast odor, no rotten or unpleasant smell
Purity	Without foreign substances
Appearance	Granule

Guaranteed Analysis

Item	Index
Live yeast cell count (billion/g)	≥ 20
Moisture (%)	≤ 6.0
Ash (%)	≤ 8.0
As (mg/kg)	≤ 2.0
Pb (mg/kg)	≤ 5.0
Total bacterial plate count (cfu/g)	≤ 2.0×10 ⁶
Salmonella	Negative

Dosage

Animal	Piglet	Sow	Growing Pig	poultry	Ruminant
Dosage (gram per ton complete feed)	500-1000	250-500	100-250	300-600	10-15g/day

Storage and Packaging

Store in a cool and dry place.

Packaging: 10KG carton with vacuum packing and 25KG paper bag with polyethylene liner.

Shelf life: 24 months from production date when stored in its original packaging.

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Fubon[®] Active Feed Dry Yeast (Ruminant)

Description

Fubon[®] Active Feed Dry Yeast(Ruminant) is a live yeast product specific for ruminant, produced by using a rumen specific yeast strain of *Saccharomyces cerevisiae*, adding various nutrients and other growth factors, and adopting submerged aerobic fermentation and sterile processing conditions to create the pure and viable yeast product. It helps to stabilize rumen PH and reduce the acidosis risk, improve the anaerobic rumen environment, stimulate microbial biomass of rumen, increase fiber digestibility and milk yield.

Physical Characteristics

Item	Index
Color	Light yellow to light brown yellow
Odor	Special yeast odor, no rotten or unpleasant smell
Purity	Without foreign substances
Appearance	Granule

Guaranteed Analysis

Item	Index
Live yeast cell count (billion/g)	≥ 20
Moisture (%)	≤ 6.0
Ash (%)	≤ 8.0
As (mg/kg)	≤ 2.0
Pb (mg/kg)	≤ 5.0
Total bacterial plate count (cfu/g)	≤ 2.0× 10 ⁶
Salmonella	Negative

Dosage

The dosage for ruminant is 1-2g/head/day.

Storage and Packaging

Store in a cool and dry place.

Packaging: 10KG carton with vacuum packing

Shelf life: 24 months from production date when stored in its original packaging.

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Fubon[®] Yeast Cell Wall

Description

Fubon[®] Yeast Cell Wall is rich in polysaccharides and functional oligosaccharides that can stimulate the immune system and enhance immunity against pathogens, especially in case of aquaculture, and improve animal performance and control diseases. Yeast Cell Wall has good thermic and chemical stability, and can withstand extreme processing conditions, without toxicity, side effects or residual pollution.

Physical Characteristics

Item	Index
Color	Pale yellow
Odor	Special yeast odor, no rotten or unpleasant smell
Purity	Without foreign substances
Appearance	Powder

Guaranteed Analysis

Item		Index
Beta-glucan (%)	≥	20
Crude protein (%)	≤	35
Moisture (%)	≤	6.0
Ash (%)	≤	8.0
As (mg/kg)	≤	2.0
Pb (mg/kg)	≤	5.0
Total bacterial plate count (cfu/g)	≤	2.0×10^6
Salmonella		Negative

Dosage

Animal	Piglet	Sow	Poultry	Aquaculture
Dosage (gram per ton complete feed)	2000	1000	1000	1000

Storage and Packaging

Store in a cool and dry place.

Packaging: 25KG paper bag with polyethylene liner.

Shelf life: 24 months from production date when stored in its original packaging.

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Fubon[®] Bacillus Subtilis

Description

Fubon[®] Bacillus Subtilis is a probiotic feed additive, produced by liquid fermentation with a selected strain and applying advanced technology and equipment. Fubon[®] Bacillus Subtilis can adjust microflora balance in animal intestines and stomach, improve animal performance, enhance immunity and reduce stress. It can tolerate high temperature in the process of pelleting, without drug resistance, toxicity and side effects.

Physical Characteristics

Item	Index
Color	Light brown
Odor	A slight fishy smell
Purity	Without foreign substances
Appearance	Powder

Guaranteed Analysis

Item	Index
Total count of Bacillus Subtilis (billion/g) \geq	20
Moisture (%) \leq	6.0
Ash (%) \leq	8.0
As (mg/kg) \leq	2.0
Pb (mg/kg) \leq	5.0
Salmonella	Negative

Dosage

Animal	Poultry	Piglet	Growing Pig	Sow	Aquaculture
Dosage (gram per ton complete feed)	50-100	300-500	100-200	100-200	300-500

Storage and Packaging

Store in a cool and dry place.

Packaging: 20KG paper bag with polyethylene liner.

Shelf life: 12 months from production date when stored in its original packaging.

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Fubon[®] Autolyzed Yeast

Description

Fubon[®] Autolyzed Yeast is produced using bakers' yeast via a hydrolyzation process followed by drying using a spray dryer. Fubon[®] Autolyzed Yeast is rich in high quality proteins, peptides and amino acids and nucleotides. It can increase feed intake and feed conversion ratio, and satisfy the need of ribonucleotide nutrition during the period of fast growing and stress.

Physical Characteristics

Item	Index
Color	Yellow
Odor	Special yeast odor, no rotten or unpleasant smell
Purity	Without foreign substances
Appearance	Powder

Guaranteed Analysis

Item		Index
Crude protein (%)	≥	40
Nucleic acid (%)	≥	8
Moisture (%)	≤	6.0
Ash (%)	≤	8.0
As (mg/kg)	≤	2.0
Pb (mg/kg)	≤	5.0
Total bacterial plate count (cfu/g)	≤	2.0×10^6
Salmonella		Negative

Dosage

Animal	Piglet	Growing Pig	Poultry	Aquaculture
Dosage (gram per ton complete feed)	2000	1000	2000	2000

Storage and Packaging

Store in a cool and dry place, opened packages should be rolled down tightly.

Packaging: 10KG carton .

Shelf life: 12 months from production date when stored in its original packaging.

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Fubon[®] MOS

Description

Fubon[®] MOS is a functional oligosaccharide prebiotic additive, derived from a selected pure bakery yeast cell wall. MOS is rich in mannan oligosaccharides, It can promote beneficial bacteria to grow and reproduce, adjust microflora balance in intestine and stomach, absorb pathogens and control diseases.

Physical Characteristics

Item	Index
Color	Pale yellow
Odor	Special yeast odor, no rotten or unpleasant smell
Purity	Without foreign substances
Appearance	Powder

Guaranteed Analysis

Item	Index
Mannan oligosaccharides(%)	≥ 20
Crude protein (%)	≤ 35
Moisture (%)	≤ 6.0
Ash (%)	≤ 8.0
As (mg/kg)	≤ 2.0
Pb (mg/kg)	≤ 5.0
Total bacterial plate count (cfu/g)	≤ 2.0×10 ⁶
Salmonella	Negative

Dosage

Animal	Piglet	Sow	Broiler	Layer	Aquaculture
Dosage (gram per ton complete feed)	2000	1000	2000	1000	1000

Storage and Packaging

Store in a cool and dry place.

Packaging: 25KG paper bag with polyethylene liner.

Shelf life: 24 months from production date when stored in its original packaging.

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Fubon[®] Yeast Glucan

Description

Fubon[®] Yeast Glucan is concentrated beta glucan derived from baker's yeast cell wall, Beta glucan serves as a biological response stimulator to set off immune defenses to fight viral, bacterial, and fungal invaders, it helps to strengthen the immune system and enhance immunity especially for aquaculture, and improve animal performance and control diseases.

Physical Characteristics

Item	Index
Color	Pale yellow
Odor	Special yeast odor, no rotten and unpleasant smell
Purity	Without foreign substance
Appearance	Powder

Guaranteed Analysis

Item		Index
Beta-glucan (%)	≥	60
Moisture (%)	≤	6.0
Ash (%)	≤	10.0
As (mg/kg)	≤	2.0
Pb (mg/kg)	≤	5.0
Total bacterial plate count (cfu/g)	≤	2.0×10^6
Salmonella		Negative

Storage and Packaging

Store in a cool and dry place.

Packaging: 20KG paper bag with polyethylene liner.

Shelf life: 24 months from production date when stored in its original packaging.

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Fubon[®] Soluble Yeast cell wall

Description

Fubon[®] Soluble Yeast cell wall could be used through drinking water and be added into liquid products, it is more convenient and efficient.

Physical Characteristics

Item	Index
Color	Light yellow to brown
Odor	Special yeast odor, no rotten or unpleasant smell
Purity	Without foreign substances
Appearance	Powder

Guaranteed Analysis

Item		Index
Water solubility (%)	≥	98
Mannan(%)	≥	40
Beta-glucan (%)	≥	20
Crude protein (%)	≤	35
Moisture (%)	≤	6.0
Ash (%)	≤	8.0
As (mg/kg)	≤	2.0
Pb (mg/kg)	≤	5.0
Total bacterial plate count (cfu/g)	≤	2.0×10^6
Salmonella		Negative

Dosage

Animal	Piglet	Sow	Poultry	Aquaculture
Dosage (g per ton complete feed)	300	200	200	250

Storage and Packaging

Store in cool and dry place.

Packaging: 20KG paper bag with polyethylene liner.

Shelf life: 24 months from production date when stored in its original packaging.

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Fubon[®] Mycotoxin Binder

Active ingredients

a) Mycotoxin Binder: a kind of Improved Yeast Cell Wall, Which used special technology to extract glucan and mannan base on normal Yeast cell wall, and get glucan and mannan more exposed, Mannan agglutinate mycotoxin by its specific structure, prevent mycotoxin be absorbed by intestine. Glucan stimulate immune system, enhance liver function of detoxification, avoid mycotoxin destroy immune system.

b) Modified montmorillonite: flaky and acicular montmorillonite possess huge surface, bind mycotoxin more effectively.

Physical Characteristics

Item	Index
Color	Pale brown yellow
Odor	Special yeast odor, no rotten or unpleasant smell
Purity	Without foreign substances
Appearance	Powder

Guaranteed Analysis

Item		Index
Mannan oligosaccharides(%)	≥	14
Moisture (%)	≤	6.0
Ash (%)	≤	8.0
As (mg/kg)	≤	2.0
Pb (mg/kg)	≤	5.0
Total bacterial plate count (cfu/g)	≤	2.0×10^6
Salmonella		Negative

Dosage:

Normal dosage: 0.5~1.0kg/t compound feed , heavy contamination: 1.0~2.0kg/t compound feed.

Packaging and Storage

Store in a cool and dry place.

Packaging: 25KG paper bag with polyethylene liner.

Shelf life: 24 months from production date when stored in its original packaging.

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