

## Product Catalog

		Brand	Product	Feature	Package	Tg	Poultry	Swine	Apes
<b>Nutrition &amp; Gut Health</b>									
	Reduce Feed Cost	BluePro	30% Bile Acid	Improve fat digestibility by 15%-30%. 1. Emulsification- Emulsifies fat and breaks it down into fat particles. 2. Digestion-Activate pancreatic, bile and increase bile activity. 3. Absorption-Carry fatty acids into the epithelial cells of the small intestine to promote fat absorption. At the same time, it protects the liver and gallbladder and reduces endotoxins in the body. Effectively improve growth performance.	25kg/Bag	✓	✓	✓	✓
	Anti-viral	Haustin	60%/90% α-Monolaurin	1. anti-viral, great application in PRRSV etc. disease. 2. Vega is the first manufacturer of monolaurin in China. 3. 60% α-Monolaurin, high content to make sure the product more economical	25kg/Bag (Box)	✓	✓	✓	✓
	Acidifier	ButyEnergy 40S	40% Coated Sodium Butyrate With 5% Essential Oil	1. Sodium butyrate can double the antibacterial effect of essential oil. The positive rate of Salmonella in the ileum, it fell to 6.3 % from 37.5 % 2. Compositing can achieve higher profits for partners.	25kg/Bag	✓	✓	✓	✓
		ButyEnergy	80%/40%/20% Coated Sodium Butyrate	We have full ranges of Butyrate products, not only the biggest exporter to Asia, but also to Europe and USA.	25kg/Bag	✓	✓	✓	✓
		VegaButyryn	60% Tributyrin		25kg/Bag	✓	✓	✓	✓
		VegaButy	88% Sodium Butyrate Powder/Granule		20kg/Bag	✓	✓	✓	✓
		VegaButyC	95% Calcium Butyrate		20kg/Bag	✓	✓	✓	✓
		VegaButyC 500	30% Coated Calcium Butyrate		25kg/Bag	✓	✓	✓	✓
		Vegaacid+	45% Coated Acidifier With 3% Essential Oil		Sustained release compound organic acid and essential oil for improving sow/raising pig performance	25kg/Bag	✓	✓	✓
		Super acid+	Compound acidifier	Super acid+ is a excellent digestive acidifier which Strong lower down pH and Strong antiBacterial, it is also cost-effective	25kg/Bag	✓	✓	✓	✓
	Zinc oxide	VegaZn	90% Coated Zinc Oxide	European quality(Bioavailability/heavy metal) cost effective coated Zinc Oxide Half dosage to take place raw material Zinc Oxide	25kg/Bag	✓	✓	✓	✓
	Essential oil	ThymoLic	20% Coated Essential Oil	Scientifically formulated to work synergistically, promote feeding and regulate flora Using solid dispersion and microencapsul process to solve the problem of essential oil, make it stable (from light heat etc)	25kg/Bag	✓	✓	✓	✓
	Probiotic	Clotilde	2 Billion CFU/0 Bacillus Licheniformis	1. probiotic multiplied by metabolites 2. 80ppm can inhibit 95% Clostridium perfringens	25kg/Bag	✓	✓	✓	✓
		ClotildeW	2 Billion CFU/0 Bacillus Licheniformis water soluble powder	1. The effect of inhibiting positive bacteria is better than acidifier and essential oil 2. Strong stress resistance (high temperature, acid and alkali)	25kg/Bag	✓	✓	✓	✓
		Active Three	2 Billion CFU/0 Inoculable Clostridium Butyricum + Bacillus Licheniformis Bacillus Subtilis	1. Vega built a standard for customer easily selecting good probiotics, and we are the first owner of New Product Certificate for Clostridium Butyricum and Bacillus Licheniformis in China. 2. Big integrators and customers are using our probiotic, like Cargill, New Hope, etc.	25kg/Bag	✓	✓	✓	✓
		Active Three W	2 Billion CFU/0 Soluble Clostridium Butyricum + Bacillus Licheniformis Bacillus Subtilis		25kg/Bag	✓	✓	✓	✓
		Active Four	1.5x10 <sup>10</sup> CFU/g Bacillus Subtilis 2.5x10 <sup>10</sup> CFU/g Bacillus Subtilis 5.5x10 <sup>10</sup> CFU/g Clostridium		25kg/Bag	✓	✓	✓	✓
		Subtilis	10 Billion CFU/g Bacillus subtilis (solid culture)		25kg/Bag	✓	✓	✓	✓
		Lichnia	10 Billion CFU/g Bacillus Licheniformis (solid culture)		25kg/Bag	✓	✓	✓	✓
		Clostris 100	1 billion CFU/0 Clostridium Butyricum		25kg/Bag	✓	✓	✓	✓
		Submia 1000	200 Billion CFU/0 Bacillus Subtilis		20kg/Bag	✓	✓	✓	✓
		Lichnia 2000	200 Billion CFU/0 Bacillus Licheniformis		25kg/Bag	✓	✓	✓	✓
	Yeastics	Yeast culture	1. High concentration of herbal polysaccharide, immunity enhancer 2. Qualified in team etc hygiene index		/	✓	✓	✓	✓
	Baciline	Modified phagolipase	Destruction of bacterial membrane structure, reduction of bacterial resistance, reduction of antibiotic dosage		25kg/Bag	✓	✓	✓	✓
	Active Ammonia	Compound probiotics	1. ACTIVE AMMONIA, aquatic water conditioning, ammonia nitrogen, nitrite, livestock and poultry to reduce ammonia odor. 2. Using Super ACTIVE AMMONIA, the first day, ammonia COD shows a downward trend, after a week, ammonia nitrogen can be reduced from 0.48mg/L to 0.15mg/L, COD from 114mg/L down to 30mg/L or less. 3. 1000g/L in drinking water, continuous use for 30 days, ammonia gas in the livestock shed decreased from 2.34 to 0.57	25kg/bottle	✓	✓	✓	✓	
	Plant Extracts	HuCCA	Yucca Powder	1. High content and rich ingredients (polysaccharides, polysaccharides, saponins) 2. Reduce ammonia and promote the utilization of protein	25kg/Bag	✓	✓	✓	✓
		Youtamin	75% Tannic Acid	Import from Italy, hydrolyzed chestnut tannin. Same agent in some countries.	25kg/Bag	✓	✓	✓	✓
		Cotanna 500	50% Coated Tannic Acid	Antibiotic free protein coated chestnut tannin for diarrhea control	25kg/Bag	✓	✓	✓	✓
<b>Colorant</b>									
	Pigment	Carlyred	50% Carthaxanthin	1. Use 5kg/L, the egg yolk can be obviously changed after 3 days of use 2. Good stability, 100° C tests for 30 minutes, and the product retention rate is above 90%	5kg/Bag - 20kg/carton				
<b>Egg Quality</b>									
	Anti-inflammatory	Laurin-Cu	Copper Laurate	1. Can be digested within 2 weeks. 2. Unique product in the world-wide. 3. It is a green additive, can be used during laying period. 4. Alleviate reduce inflammation caused by viral infection of virus and bacteria within 1 week. 5. Enhance immune function, reduce total inflammation	25kg/Bag		✓		
<b>Farm &amp; Feed Management</b>									
	Drinking Line	Super Acid	58% Liquid Acidifier	Using buffer system, the pH value is stable at about 3.5 after 1000 times of dilution to clean drinking line	12L/can	✓	✓	✓	✓
	Mycotoxin	Medics	Bacillus Subtilis, Yeast Cell Wall, Monomelicillanite	mycotxin degrading probiotic/enzyme, selected combination of Bacillus subtilis (respectively for specific mycotoxins), through biotransformation, the main mycotoxins are directly reduced to non-toxic components, degrading more than 80% DON, 90% aflatoxin, 95% corn Zearalenone, etc., safe and effective.	25kg/Bag	✓	✓	✓	✓
<b>Ruminant Nutrition</b>									
	Ruminant Nutrition	VegaMat	60% Rumen Protected Methionine	Report from Schothof Feed Research from Netherlands, 58g metabolizable methionine in 1kg Vegamat, and the highest cost effective source	25kg/Bag			✓	✓
		SmartSyn	66% Rumen Protected Lysine	High content in the whole market which bring great cost efficiency	25kg/Bag			✓	✓
		SmartGlu	60% Rumen Protected Glucose	Instantly supplement energy by using rumen bypass glucose. compared with propylene glycol, it can be directly absorbed and utilized for cow have fatty liver with better effect	25kg/Bag			✓	✓
		SmartCholine	25% Rumen Protected Choline Chloride	High rumen protected rate & intestinal release rate	25kg/Bag			✓	✓
		SmartFca	50%/100% Rumen Protected formic acid	High rumen protected rate & intestinal release rate	25kg/Bag			✓	✓
		SmartUrea	80% Coated Urea	1. Replace part of soybean meal to save breeding cost 2. Double layer coating process enables simultaneous release of urea and energy feed to produce more microbial protein and improve the utilization rate of N	25kg/Bag			✓	✓
		SmartCalcium	Calcium bolus	1. The combination of fast calcium and slow calcium can supplement calcium quickly and continuously for a long time 2. Fast and convenient to use	20kg/box, 100 pieces / box				✓
		SmartCys	30% Cysteamine hydrochloride	promote growth obviously	25kg/Bag			✓	✓
		SmartVit 1488	85% Vitamin Acid	Directly report from Indonesia	25kg/Bag 650kg/Bag			✓	✓
<b>Speciality</b>									
	Speciality	Premium D	1.3-DM- Vitamin D3 1.25(OH)25(OH)2(OH)2(OH)2	Most effective vitamin D3, to strengthen the bone health	25kg/carton	✓	✓	✓	✓
		VaQsyn PT	Phytase Powder/Liquid/Sprinkle 5,000-200,000	Improve the utilization rate of nutrients in feed/Reduce the amount of phosphorus feed and the pollution of phosphorus to the environment	25kg/Bag	✓	✓	✓	✓
		VaQsyn PR	Phytase Alkaline/Neutral/Acid 5,000-200,000	Improve the protein digestibility of raw materials and reduce the substrate required for poor fermentation in the biogas	25kg/Bag	✓	✓	✓	✓
		VaQsyn LP	Phytase Powder/Liquid/Sprinkle 10,000-200,000	Accelerating the healthy growth of weaned young animals, promote the decomposition of fats, increase feed conversion rate, and reduce animal fecal excretion	25kg/Bag	✓	✓	✓	✓
		VaQsyn Max	Compound Enzyme	Meet the needs of animals for various enzymes, promote animal growth and metabolism	25kg/Bag	✓	✓	✓	✓
	OTA	Veddy	21% Copper Glycine	Glycine Chelate line. High Content, high Chelate rate, stable and cost efficiency	25kg/Bag	✓	✓	✓	✓
			17% Ferrous Glycine		25kg/Bag	✓	✓	✓	✓
			22% Manganese Glycine		25kg/Bag	✓	✓	✓	✓
			21% Zinc Glycinate		25kg/Bag	✓	✓	✓	✓

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		Brand	Product	Feature	Package	Pig	Poultry	Bees	Apes
OTM	👍	VegMat	16.8% Copper Methionine	Methionine Chelate line. High Content, high Chelate rate, stable and cost efficiency	25kg/Bag	✓	✓	✓	✓
			13% Ferrous Methionine		25kg/Bag	✓	✓	✓	✓
			23% Manganese Methionine		25kg/Bag	✓	✓	✓	✓
			15% Zinc Methionine		25kg/Bag	✓	✓	✓	✓
			0.1% 0.2% 7% Chromium Methionine		25kg/Bag	✓	✓	✓	✓
			0.2% 0.5% 2% Selenium Methionine		25kg/Bag	✓	✓	✓	✓
			5% Methionine, Cobalt Chloride		25kg/Bag	✓	✓	✓	✓
		BioChelate	Cu > 15% Amino Acid > 30%	a) Similar in structure to small peptides, absorbed through the absorption channel of small peptides in the intestinal tract of animals. b) Stable in the stomach and absorbed in the intestine c) Absorbed in the form of independent endogenous small peptides d) Different from the amino acid absorption channel, not affected by amino acid absorption antagonism e) Fast transfer speed and low energy consumption f) The absorption process is not easy to be saturated g) The chelation of metal ions and small peptides can inhibit the hydrolysis activity of proteases on the brush border and prevent the hydrolysis of peptides, then the intact peptides are used as mineral ligands to enter mucosal cells through the peptide transport mechanism	25kg/Bag	✓	✓	✓	✓
			Fe > 15% Amino Acid > 30%		25kg/Bag	✓	✓	✓	✓
			Mn > 15 Amino Acid > 30%		25kg/Bag	✓	✓	✓	✓
			Zn > 15% Amino Acid > 30%		25kg/Bag	✓	✓	✓	✓
			Vega Formula or OEM Formula		25kg/Bag	✓	✓	✓	✓
		TBC	Cu > 58%	Dark Green and Light green powder, insoluble in water, difficult to absorb moisture, more stable	25kg/Bag	✓	✓	✓	✓
TBC	Zn > 58%	White fine crystalline powder without agglomeration	25kg/Bag	✓	✓	✓	✓		
VeChrom Pro	0.04%/0.41%/6% Chromium Propionate	Effectively relieve heat stress, high absorption rate, high content	25kg/Bag	✓	✓	✓	✓		
TBMC	Mn > 48%	Brownish yellow powder or granule, insoluble in water, difficult to absorb moisture, stable	25kg/Bag	✓	✓	✓	✓		
Feed Intake									
Attractant		MoreBite	DMPT	The fourth generation efficient aquatic food attractant	25kg/Bag				✓
Antibiotic									
Intestinal	👍	VegaBam	10%-15% Zinc Bacitracin	Inhibit Clostridium Perfringens, Guard Intestine	25kg/Bag	✓	✓	✓	✓
		VegaBMD	10%/25% Bacitracin Methylammonium Dihydrolysis		25kg/Bag	✓	✓	✓	✓
Respiratory		V-Florneo	30% Florfenicol Soluble Powder	First Choice For Lung Infection	25kg/Bag 500g/Bag 12kg/Box	✓	✓		
		V-Florneo	30% Florfenicol Soluble Powder	First Choice For Lung Infection	25kg/Bag 500g/Bag 12kg/Box	✓	✓		
		V-Tilneo	20% Coated Tilimycin	First Choice For Respiratory Syndrome	25kg/Bag 500g/Bag 12kg/Box	✓	✓		
		V-Florneo	20% Florfenicol crosslinking coating granule	First Choice For Respiratory Syndrome	25kg/Bag 500g/Bag 12kg/Box	✓	✓		
		V-Tilneo 375	37.5% Tilimycin Soluble Powder	First Choice For Respiratory Syndrome	25kg/Bag 500g/Bag 12kg/Box		✓		
		V-Tylaxneo	20% Tylvalosin Tartrate Soluble	Help Clean PRRS	25kg/Bag 500g/Bag 12kg/Box	✓	✓		
Insecticide		V-Albenneo	6% Albendazole + 0.25% Ivermectin Granule	Highly Effective And Safe, Expel Parasite In Vivo And In Vitro	25kg/Bag 500g/Bag 12kg/Box	✓	✓		
		V-Sulfac	0.25% Sulfachloropyridazine Sodium + 2.5% TMP	Toxoplasmosis Killer, Septicemia Curative	500g/Bag 12kg/Box	✓	✓		
Systemic		V-Amoxneo	10%/30% Amoxicillin Soluble Powder	Bacteria Killer, Erysipelas Buster	25kg/Bag 500g/Bag 12kg/Box	✓	✓		