

Katre Group Of Industries

Core Businesses

Consulting & Certification Division

Mineral Extraction & Processing Division



Animal Nutrition Division

Human Nutrition Division

Manufacturing & Exports



Healthcare & Hospitals

Township & Real Estate



Dr Katre Premix Lab Private Limited

Animal Health & Nutrition Division

What Makes Dr Katre Premix Lab Private Limited A Leading B2B Animal Nutrition Manufacturer & Exporter

- Worldwide Catering To Monthly More Than 1,15,000 MT Feed, 31.5 Million Collective Poultry, 12700 MT Aquaculture Farm Production, 4.60 Million Pets, 7.15 Million Collective Ruminants
- In The Entire World, We Are One Of Very Few Animal Nutrition Brand To Have Our Own Trace Minerals Extraction & Processing Division, Which Ensures Economy Pricing & Purity
- Incorporated and Shown Results in 27 Countries Worldwide
- Products Are Tested In 3rd Party NABL Accredited Labs. Infact we are one of the very few organization that provides NABL, MoEF, BIS, OHSAS Accredited & Approved Third Party Lab Test Report for our Feed Premixes, Concentrates, Ingredients & Additives
- Manufactured In Certified State Of The Art Facilities
- High Production Capacity Across 2 Manufacturing Units
 1. Concentrate Production Capacity : 185 Metric Ton Per Day
 2. Premix Production Capacity : 90 Metric Ton Per Day
 3. Speciality Product Production Capacity : 55 Metric Ton Per Day
 4. Additive Production Capacity : 20 Metric Ton Per Day
- With About 72% Exports ,The Products Itself Speak Of Their High Quality and Effectiveness
- Our Dedicated Staff Promptly Provide Best Quotation
- Regular and Periodic Supply Proves The Trust Of Client On Products
- Curated by Animal Nutritionists, Veterinarians & Industry Experts
- 24×7 Customer Assistance Across Different Timezones
- Excellent Logistics Network Across The Globe
- No Unnecessary Marked Up Prices i.e Supreme Quality With Affordability
- Flexibility in Packing Sizes
- Customization According To Required Specifications [Third Party Manufacturing]
- Expedited and Prompt Delivery Worldwide
- Company Owns Fleet Of Vehicles That Enable Transport Hassle Free



Dr Katre Premix Lab Private Limited

Third Party Private Label Manufacturing Department

Highlights

■ As Of 2024, Globally We Are Manufacturing Products On Third Party Private Label For :-

13 Prominent Feed Mills,
11 Reputed Animal Nutrition Companies,
5 Leading Pharmaceutical Companies,
3 Notable Pet Food Brands,
7 Major Poultry Additive Companies,
4 Well-Known CattleFeed Organizations,
2 Major Aquaculture Feed Brand

■ Diverse Packing Sizes To Select From

1 Kg/ 5 Kg/ 10 Kg/ 20 Kg/ 25 Kg/ 50 Kg/ 250 Kg/ 600 Kg/ 1100 Kg/ 1250 Kg

■ High Production Capacity

■ Out Of Our Total Third Party Manufacturing Clientele Base, With About 86 % Third Party Manufacturing For International Brands Comprising Of 53% Domestic TPM & 47 % Exports TPM, Our Result Oriented Products Themselves Speak Of Their Top Notch Quality & Promising Efficacy.

■ Confidentiality Is What We Give Vital Importance To

■ Encouraging Clients To Discuss Their Requirements, Personalizing Specifications According To Their Requirements Is What Clients Cherish In Our Business Relations

■ Individual Spacious Area Dedicated For Dry & Wet Matter Including Powder, Liquids, Granules, Bolus, Caplet

■ Backup Industrial Power Source For Continuous Production Across 2 Shifts

■ In House Laboratories For Sampling, QC & Testing

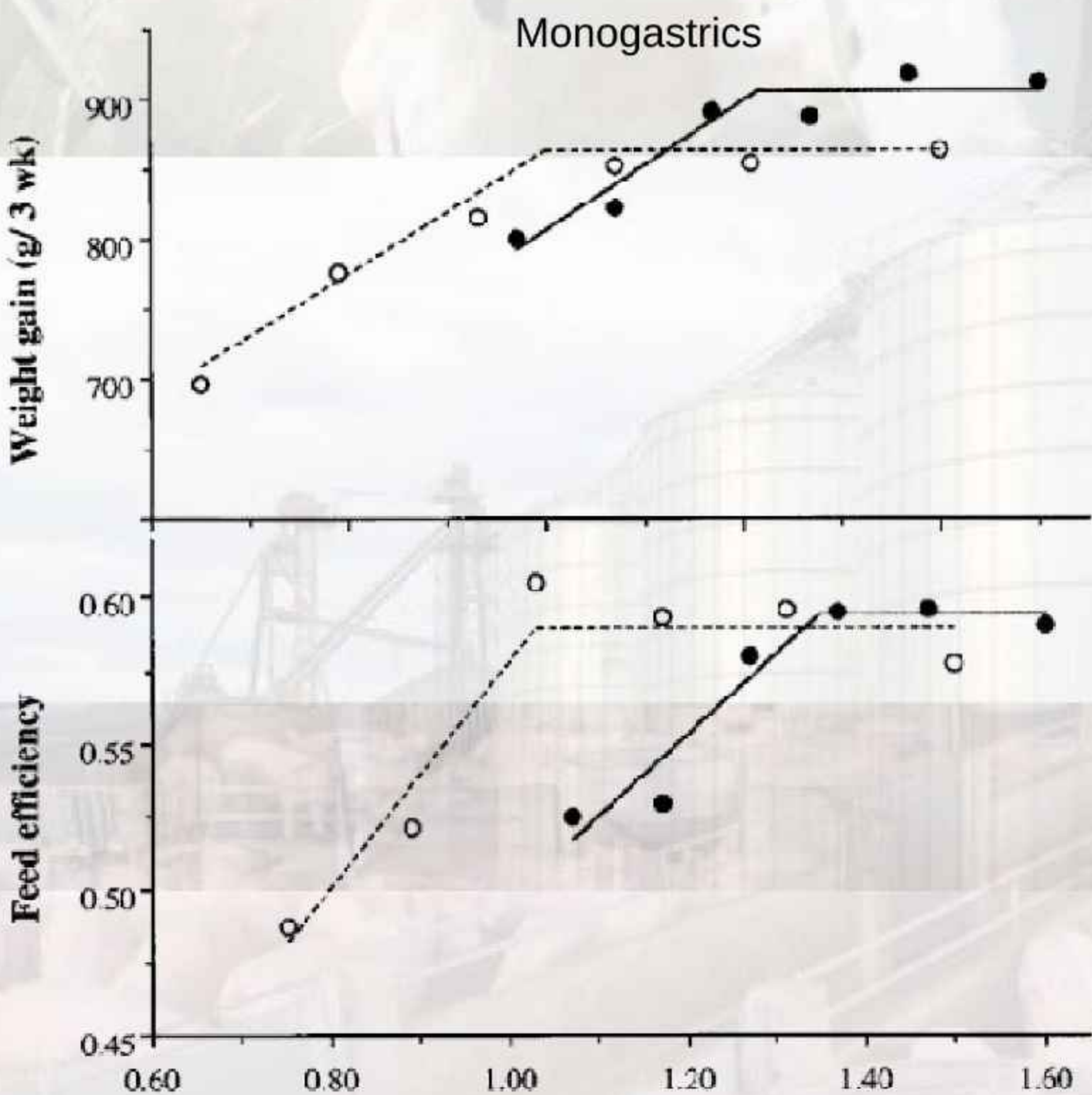
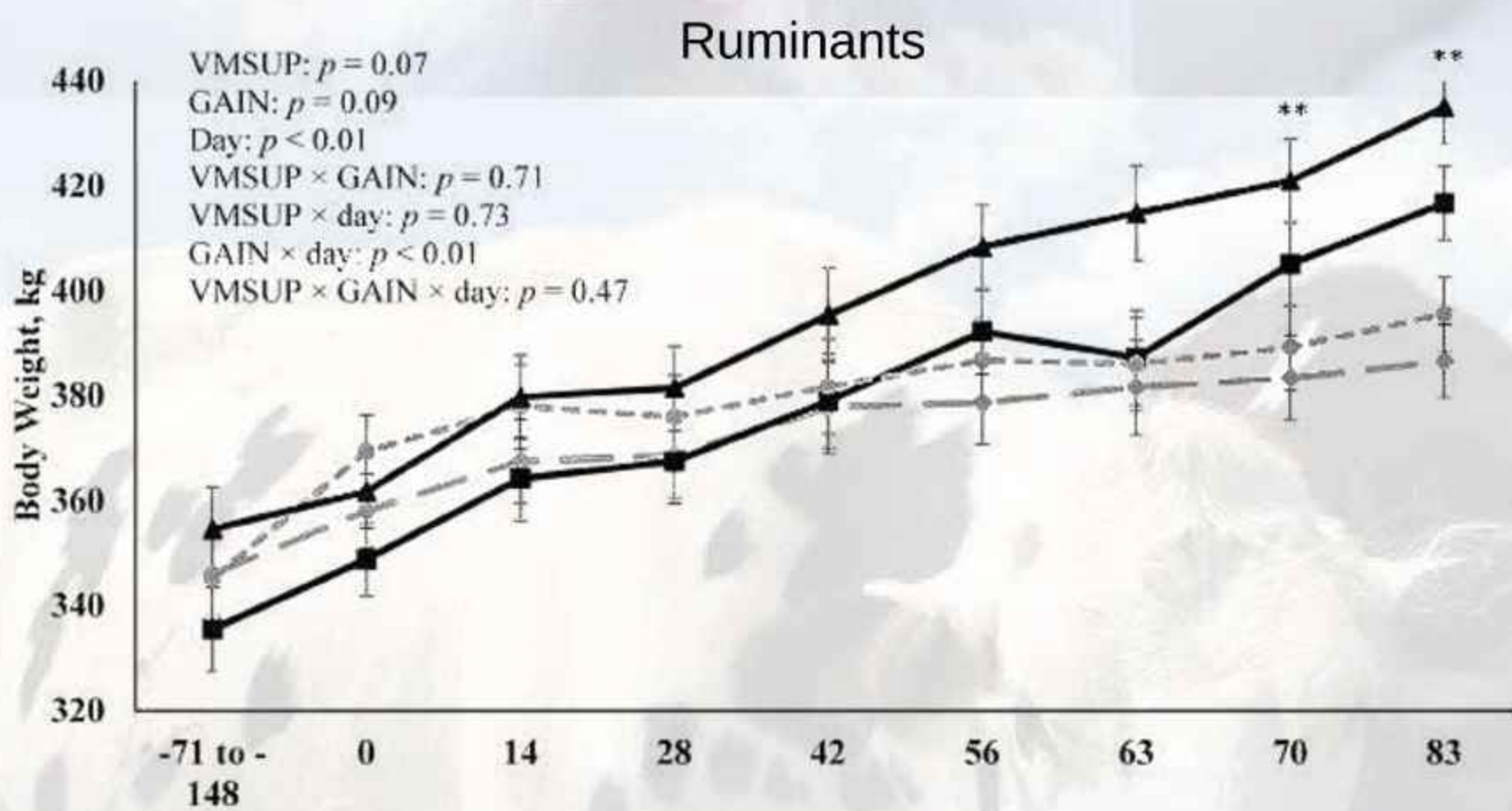




VitaPeak™

High Potency Complete Vitamin Premix

Like humans, livestock animals also need a balanced diet containing all the necessary nutrients, fluids, minerals, and vitamins. Without a balanced diet there are innumerable threats to the health of a large group of animals. It is emphasized to feed a balanced diet with essential vitamins to animals as they are imperative for good health and help in preventing deficiency diseases. The deficiency can lead to several health problems, which can severely affect the production, causing economic losses. Vitamins premix VitaPeak™ play a significant role in the immunity response, metabolism and disease resistance of the animals. Vitamin feed additives can improve the nutritional fullness and utilization of feed, promote the growth and development of animals, and greatly improve feed remuneration. The presence of vitamins is required to absorb other substances from feed. We at Dr Katre Premix Lab believes in Incorporating high quality vitamins at appropriate amount via VitaPeak™



HI - TECH Proprietary Species Specific

- A**
- VitaPeak™ Broiler Feed 0.075 %
 - VitaPeak™ Broiler Feed 0.1 %
 - VitaPeak™ Layer Feed 0.05 %
 - VitaPeak™ Layer Feed 0.1 %
 - VitaPeak™ Breeder Feed 0.1 %
 - VitaPeak™ Breeder Feed 0.125 %
 - VitaPeak™ Cattle Feed 0.1 %
 - VitaPeak™ Shrimp Feed 0.05%
 - VitaPeak™ Fish Feed 0.05%

- B** Individual Product Range
- VitaPeak™ B Matrix
 - VitaPeak™ E Max
 - VitaPeak™ AD3 Boost

VitaPeak™ Composite Premix

C

Vitamin A	75000000 IU
Vitamin D3	15000000 IU
Vitamin E	140000 mg
Vitamin C	125000 mg
Vitamin K3	12000 mg
Vitamin B1	10000 mg
Vitamin B2	25000 mg
Vitamin B3	90000 mg
Vitamin B4	25000 mg
Vitamin B5	35000 mg
Vitamin B6	10000 mg
Vitamin B9	12000 mg
Vitamin B12	500 mg
Vitamin PP	700 mg
Biotin	450 mg

Each Kg Composite Premix
 Composition

Manufactured By Dr Katre Premix Lab Private Limited
 An ISO 9001:2015 & ISO 22000:2018 Certified Manufacturer & Exporter



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 STANDARD



For Animal Feed Supplement Only
 Not For Medicinal Use
 Not For Human Use

- Coated 5th Generation Vitamins
- Cutting Edge Technology Micro Dosed
- Bio Available & Heat Stable
- Appropriately Concentrated Inclusion

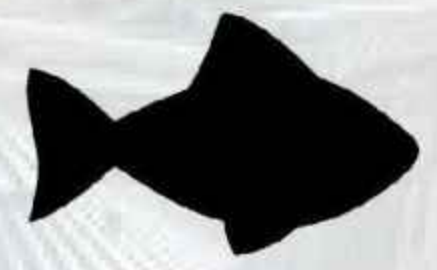
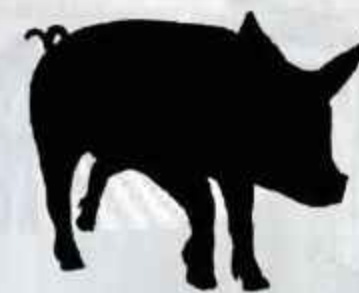
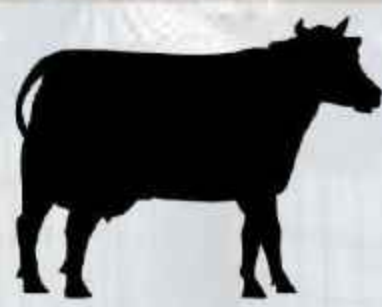


AminoMax™

Complete Profile Of Amino Acids For Animal Feed

(Special Attention During Premix Manufacturing To Limiting AA : Species Wise)

Amino acids are central for creature sustenance. Amino acids are building blocks for proteins and should be available in cells for amalgamation of polypeptides. AminoMax™ plays an important role in the regulation of gene expression, cell signaling, antioxidant responses, fertility, neurotransmission and immunity. As part of a balanced diet, animals need proteins composed of amino acids for healthy development. Feed supplementation with specific amino acids has been scientifically proven to reduce crude protein content without negatively affecting animal performance. A proper amino acid balance supports better growth rates, so animals are weaned and reach maturity weight early. Amino acid feed additives offer companies flexibility with feed ingredients to increase profits. The type of binding between the protein portion and the prosthetic group differs according to the type of prosthetic group and each different type of proteide has a different function in the organism. Apart from the proteins already mentioned, compounds containing nitrogen but with a non-protein nature are also found in animal tissues. These compounds include alkaloids, amides (asparagine, glutamine, and urea), betaine, choline and purines. Amino acids are characterised by the two characteristic functional groups in the molecule, as indicated by their nomenclature, by the amino group NH₂ and the carboxyl group COOH. Amino acids occur exclusively as structural protein units in which the amino group is bound to the α-position of the carboxylic acid group (carboxyl group). Chemically amino groups can bind in other positions, however only α-amino acids are relevant for animal nutrition. A protein quality must always refer to a specific situation with respect to protein use. In practice, standards of requirement for amino acids are usually given for age and performance levels for all of the major livestock species. The ruminant animals derive their amino acids supply jointly from dietary protein which escapes rumen degradation (by-pass protein) and microbial protein synthesized in the rumen. The dietary protein is extensively degraded in the rumen and is mainly used by rumen bacteria for their own protein synthesis. The microbial protein that reaches the intestine presents the most appropriate protein quality for ruminants since it has a similar amino acid profile as the animal requirements. The amino acid composition of the by-pass fraction usually is not in line with animal requirements therefore amino acids need to be supplied. AminoMax™ has been curated selectively to work via both Rumen Protection & Intestine Availability proving AminoMax™ to be a high quality Amino Acids source.



AminoMax™ PM
Most Important AA

AminoMax™ CR
Most Important AA

AminoMax™ SM
Most Important AA

AminoMax™ FA
Most Important AA

- Methionine
- Lysine
- Valine
- Isoleucine
- Arginine
- Tryptophan
- Cystine
- Histidine
- Leucine

- Lysine
- Methionine
- Isoleucine
- Threonine
- Leucine

- Lysine
- Methionine
- Arginine
- Glutamine
- Valine
- Isoleucine
- Cystine
- Leucine
- Tryptophan

- Phenylalanine
- Methionine
- Valine
- Isoleucine
- Arginine
- Tryptophan
- Leucine
- Threonine

Other Ingredient In Each Premix For Complete AA Profile : Alanine, Arginine, Asparagine, Aspartic Acid, Cysteine, Glutamic Acid, Glutamine, Glycine, Histidine, Isoleucine, Leucine, Lysine, Methionine, Phenylalanine, Proline, Serine, Threonine, Tryptophan, Tyrosine, Valine

- Reduced Nitrogen Excretion
- Special Formulation For Monogastrics & Ruminants
- Lesser Dependence On Dietary Crude Protein
- Intestinal Availability & High Absorbtion
- No Wastage : Rumen Protection



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GoldMin™

Powerful Inorganic Trace Elements & Minerals Premix

Trace mineral refers to the nutritional elements added to production and complete animal diets in micro quantities. They are involved in structural, physiological, catalytic and regulatory functions in animals and their inclusion in animal diets is necessary for a multitude of reasons. Diets may not contain adequate amounts of specific minerals to meet animal requirements, minerals in feed may not be in a form that is biologically available, or anti-nutritional factors may reduce the total proportion of the nutrient in a feedstuff that is available for use in normal body functions. Furthermore, mineral requirements vary over the lifecycle of the animal and tailored supplementation strategies are paramount to obtain optimum results in modern animal production systems. Producers should utilize mineral supplementation to improve production and health, which has the potential to reduce antibiotic usage. This is especially important because demands for higher food quality are continually increasing. Minerals play an important role not only in structural components of animal body but also have a significant role in activities of an enzyme, hormone, as constituents of body fluids and tissues and also as regulators of cell replication and differentiation. The Deficiencies of minerals, its imbalances and toxicity may cause reproductive disorders in animals because minerals play an important role in health, production and reproduction performance. The trace elements serve as structural components of metalloenzymes in the body system. The minerals are major nutrients required after energy and protein and should be given priority. Trace minerals has been shown to enhance mineral uptake, and improve the immune response, oxidative stress management and tissue & bone development and strength. Furthermore, the higher bioavailability of GoldMin™ minerals allows the producer to achieve improved performance.

HI - TECH Proprietary Species Specific

A

GoldMin™ Broiler Feed 0.1 %
GoldMin™ Broiler Feed 0.15 %
GoldMin™ Layer Feed 0.1 %
GoldMin™ Layer Feed 0.125 %
GoldMin™ Breeder Feed 0.1 %
GoldMin™ Breeder Feed 0.15 %
GoldMin™ Cattle Feed 0.125 %
GoldMin™ Shrimp Feed 0.1%
GoldMin™ Fish Feed 0.1 %

B

Zinc	125000 mg
Manganese	160000 mg
Iron	140000 mg
Copper	25000 mg
Iodine	35000 mg
Potassium	3000 mg
Selenium	2500 mg
Cobalt	1600 mg
Molybdenum	1200 mg
Chromium	750 mg
Fluorine	350 mg
Sodium	4 %
Calcium	32.70%
Magnesium	1.55 %
Anti-mould	1.70 %
Phosphorus	9.25%
Anti-oxidant	1%

Formulated In Accordance With BIS Specifications

GoldMin™ Composite Premix
Each Kg Composite Premix
Composition

Manufactured By Dr Katre Premix Lab Private Limited
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Mineral Metabolism

Mineral Interactions

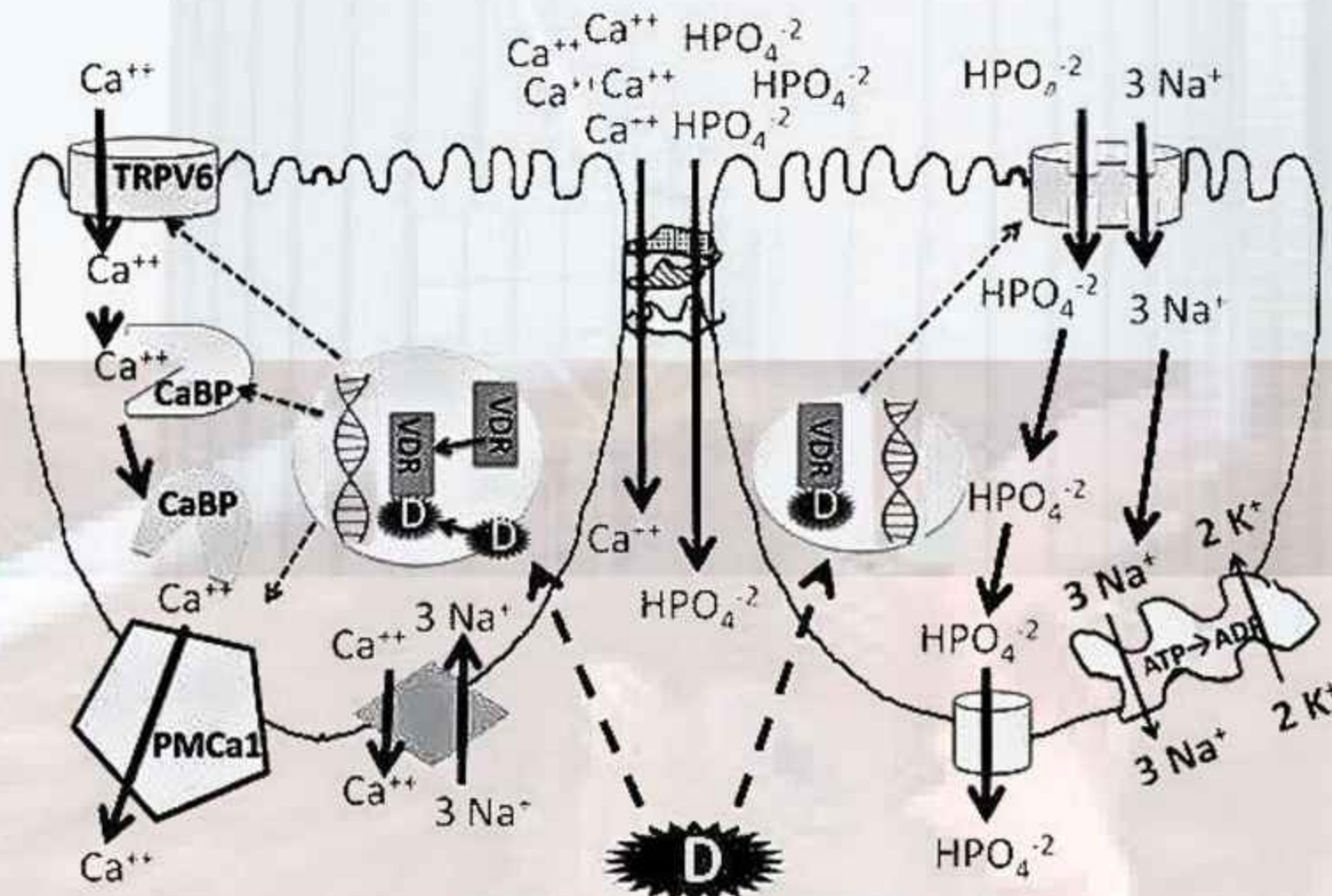


Overcome Deficiencies

High Concentration Formula

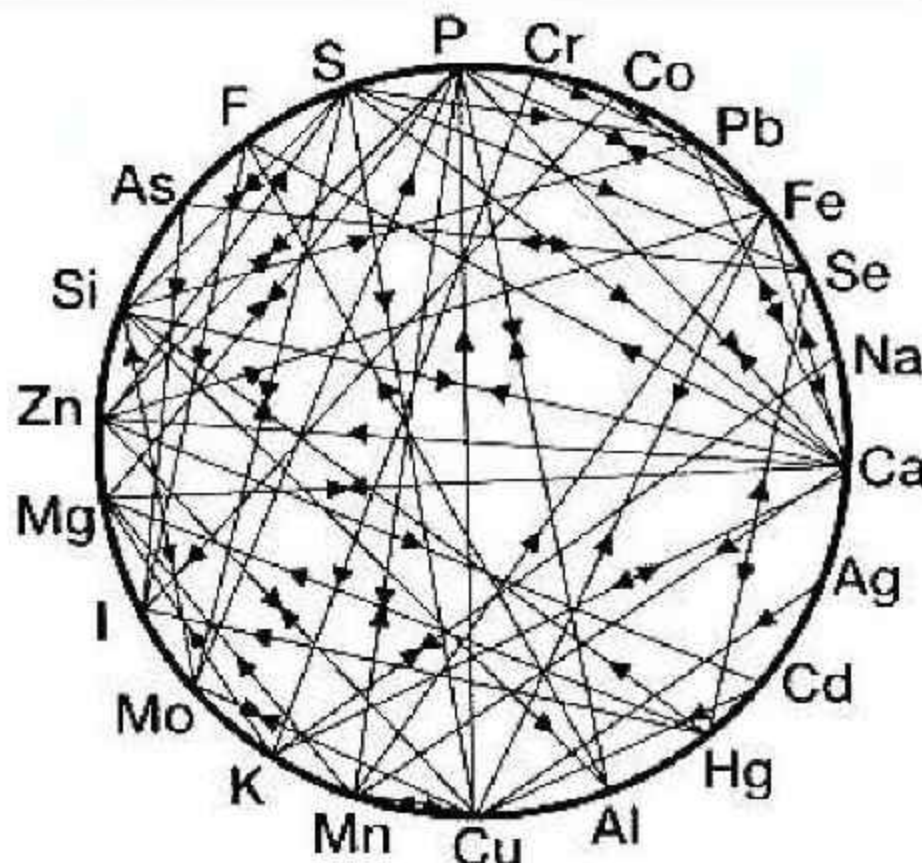
Essential For Feed Mills & Animals

Purity & Optimal Absorbtion



Mineral Interactions

- P - Phosphorus
- Cr - Chromium
- Co - Cobalt
- Pb - Lead
- Fe - Iron
- Se - Selenium
- Na - Sodium
- Ca - Calcium
- Ag - Silver
- Cd - Cadmium
- Hg - Mercury
- Al - Aluminum
- Cu - Copper
- Mn - Manganese
- K - Potassium
- Mo - Molybdenum
- I - Iodine
- Mg - Magnesium
- Zn - Zinc
- Si - Silica
- As - Arsenic
- F - Florine
- S - Sulfur



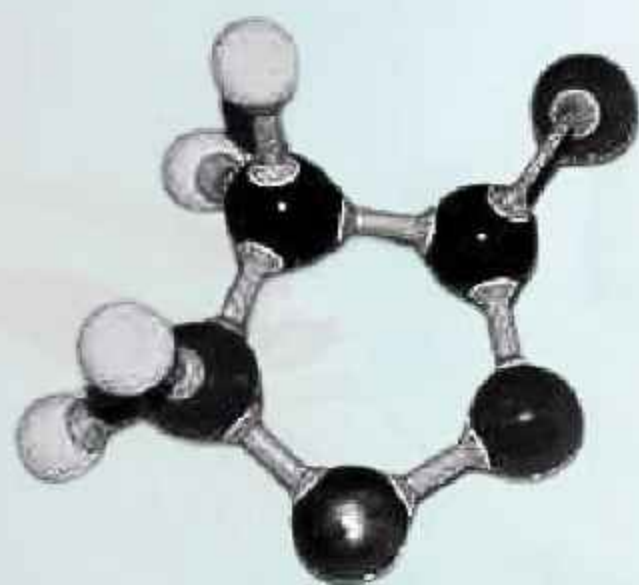
Potent Organic Amino Acid Chelated Trace Elements & Minerals Premix

Nutrient bioavailability is the foremost thing in animal nutrition and health.

ChelMin™ is a powerful blend of amino acid bonded and chelated trace elements & minerals that have the highest bioavailability among all types of mineral compounds.

Chelation is a chemical process in which a mineral is combined with a mixture of amino acids and peptides and the resulting substances are known as chelated minerals. ChelMin™ is most digestible form of minerals present which the body is able to absorb and use for vital functions. The chemical process in ChelMin™ shields the minerals from the effects of other dietary elements in the animal's digestive tract eliminating any wastage of minerals. Minerals are catalysts for every enzyme in the animal's body. Their bodies need several different minerals for essential animal bodily functions. Any deficiencies or imbalances can lead to serious health conditions. ChelMin™, because of its protective ring structure, have the ability to avoid inhibition such as oxidation reduction reactions when it is mixed with fat soluble vitamins. The ring structure also enables ChelMin™ to avoid antagonism with other minerals. Both instant and long term results of ChelMin™ have proven to be benevolent for animal's overall productivity and enhancing feed efficacy.

Difference In Structure



Chelated Mineral Structure



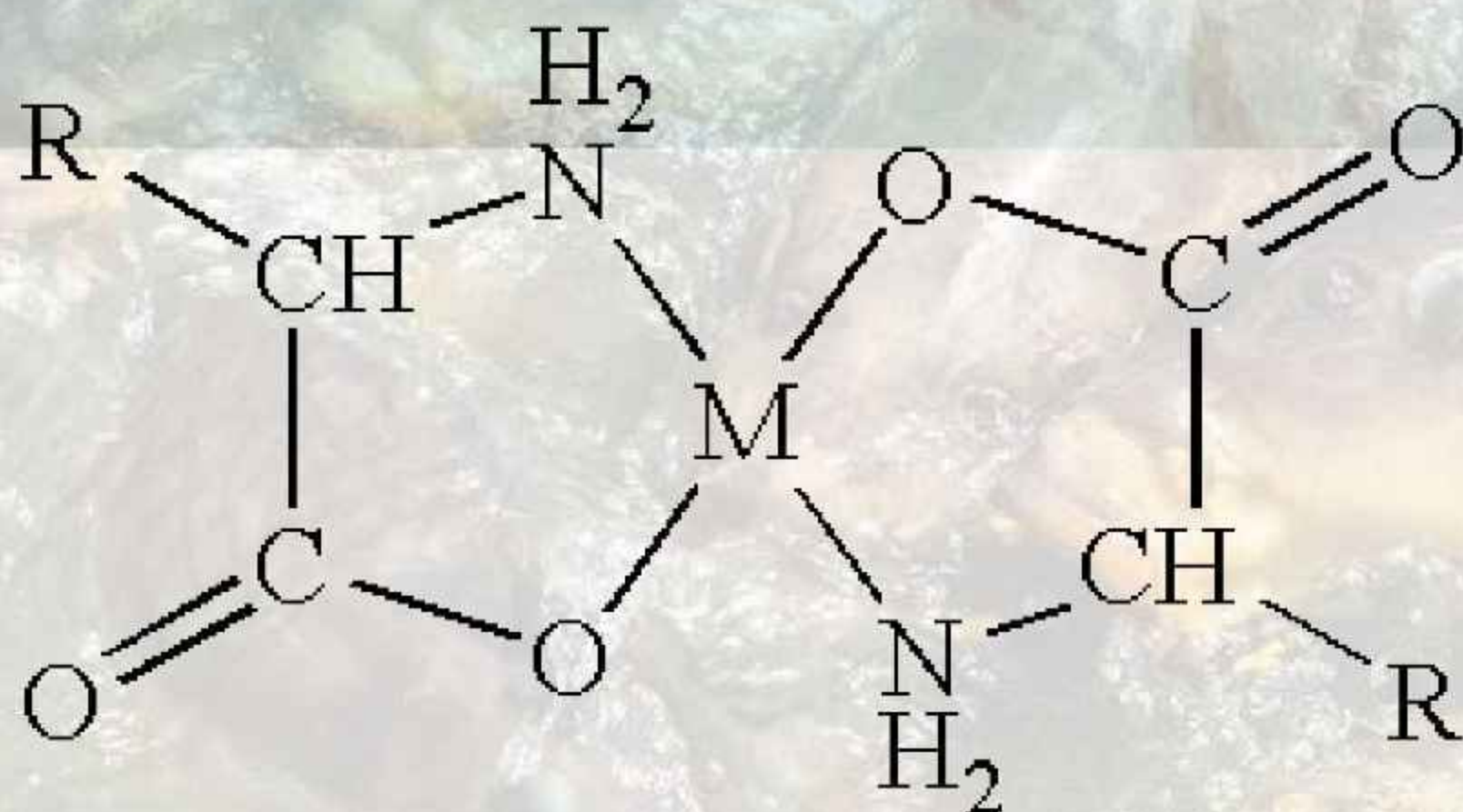
Non Chelated Min. Structure

Proprietary Premix Of
Formulated In Accordance With
BIS Specifications

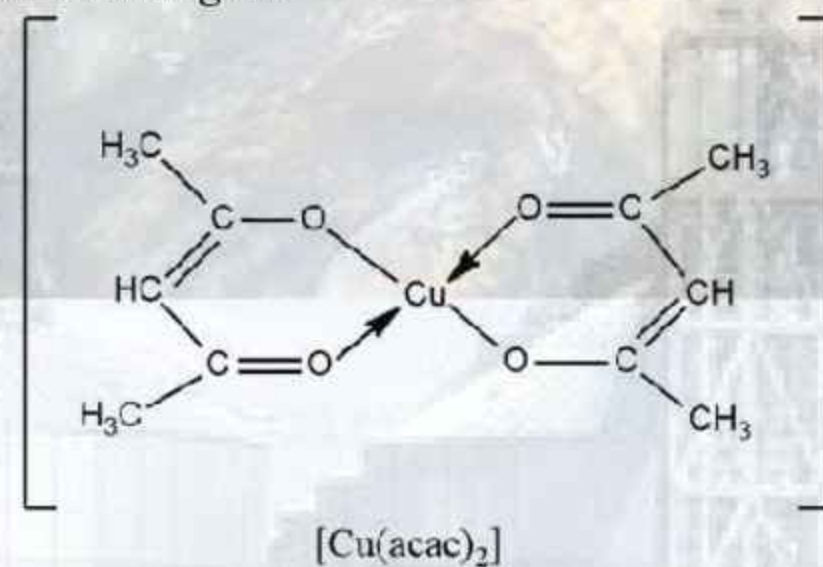
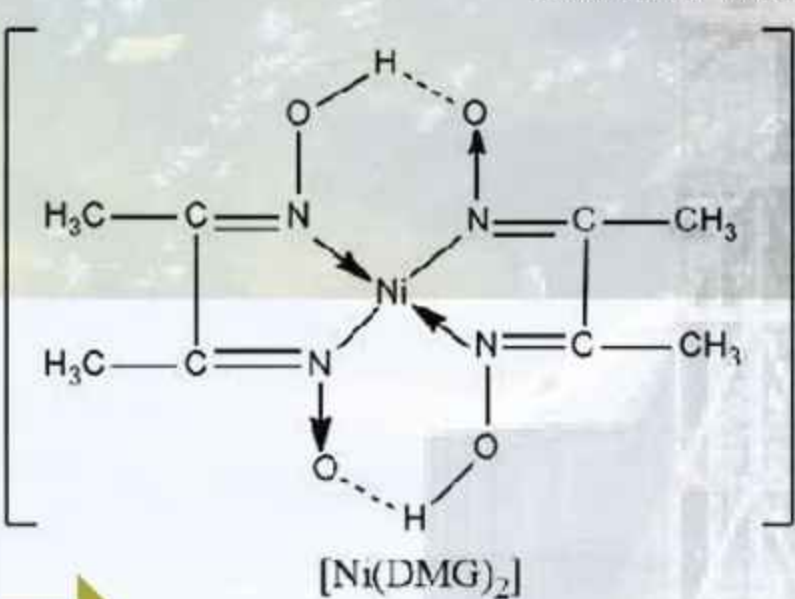
- ChelMin™ Se
- ChelMin™ Bo
- ChelMin™ Zn
- ChelMin™ Mn
- ChelMin™ Fe
- ChelMin™ Cu
- ChelMin™ I
- ChelMin™ K
- ChelMin™ Co
- ChelMin™ Mo
- ChelMin™ F
- ChelMin™ Na
- ChelMin™ Ca
- ChelMin™ Mg
- ChelMin™ Cr

Individual Range Of AA Chelated Minerals For Premix Production

AA Chelated Bond Formation



Reaction With Chelation Agent



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Not For Human Use

High Potency Due To Increased Bioavailability

Concentrated Formulation For Optimum Performance

Important Additive For Feed Mills & Animal Health

Chelated With Premium Quality Amino Acids For High Absorbtion



ToxArrest™

Powerful & Complete Toxin Binder

- One Stop 360° Solution Against Animal Feed Aflatoxin, Zearalenone, Fumonisin, Trichothecenes, Ergot Alkaloids & Ochratoxins
- Works via All Three Methods Of Adsorption, Biotransformation & Bioprotection
- Blocks Mycotoxins & Prevents Them To Enter The Blood Stream Of Animals
- Does Not Interfere With Nutritional Absorption. Infact It Improves The Gastrointestinal Health.
- Enhances Performance, Fertility, Immune System & Gut Health
- Trial & Tested Globally In All Ruminants & Monogastrics Such As Cattle, Poultry, Pig, Pets & Aquaculture

Mycotoxins are harmful secondary metabolites that are generated by a variety of fungus, especially by several species of Fusarium, Aspergillus, Claviceps, and Penicillium. The variety of chemical structures seen in mycotoxins explains their various biological consequences. At least 300 of these fungal metabolites are thought to have the potential to be harmful to both people and animals. Aflatoxin B1 (AFB1), ochratoxin A (OTA), zearalenone (ZEA), deoxynivalenol (DON, vomitoxin), T-2 and HT-2 toxins, and fumonisins (FUM) are the mycotoxins that have been studied the most. Fungi create mycotoxins as they cultivate, handle, and store agricultural goods. Their widespread prevalence is thought to be a significant risk factor. They may be immunotoxic, neurotoxic, teratogenic, mutagenic, or carcinogenic. Mycotoxins in farm animals can result in a variety of issues, such as poor feed conversion, reduced performance and feed rejection.

ToxArrest™ is a powerful & complete toxin binder for animal feed.

Our team has extensively researched on the product with more than 13 trial studies being carried out to ensure the effectiveness and safety of the product ToxArrest™.

ToxArrest™ by Adsorption, Biotransformation & Bioprotection efficaciously removes :

- Zearalenone
- Fumonisin
- Trichothecenes
- Endotoxins
- Deoxynivalenol
- Ergot Alkaloids
- Ochratoxins
- Aflatoxin

Dr Katre Premix Lab
ToxArrest™
Trial Studies (A) & (B)

Study A: Influence of preservation with ToxArrest on microbial counts in corn with a 16% moisture content.

Time after treatment	Molds (germs/g)		Bacteria (germs/g)	
	Control Group	ToxArrest	Control Group	ToxArrest
1 Day	4,800,000	<1500	5,000,000	<40,000
1 Month	25,000,000	<900	150,000,000	<10,000
11 Months	Spoiled	< 100	Spoiled	<6,000

Study B: Influence of preservation with ToxArrest on microbial counts in corn with a 12% moisture content

	Control Group	Application of ToxArrest
Total Erythrocyte Counts (TEC) - 60 days	2	3
Packed Cell Volume (PCV) - Overall	27	31
Total Leucocyte Count (TLC) - Overall	16	21

Each Kg Composition

Mannan Oligosaccharides	18.0%
Activated Charcoal	20.0%
Oxinate Copper	14.0%
Formic Acid	6.5%
Propionic Acid	8.0%
Acetic Acid	2.5%
Sorbic Acid	1.0%
Humic Acid	3.0%
Benzoic Acid	4.5%
Lipotropic Agent	1.5%
Sodium Butyrate	5.5%
Enzymes	7.0%
Silicate	3.5%
Yeast	1.5%
Hydrated Sodium Calcium Aluminosilicate	2.0%
Polivinil-Polipirrolidon Polymers	1.5%

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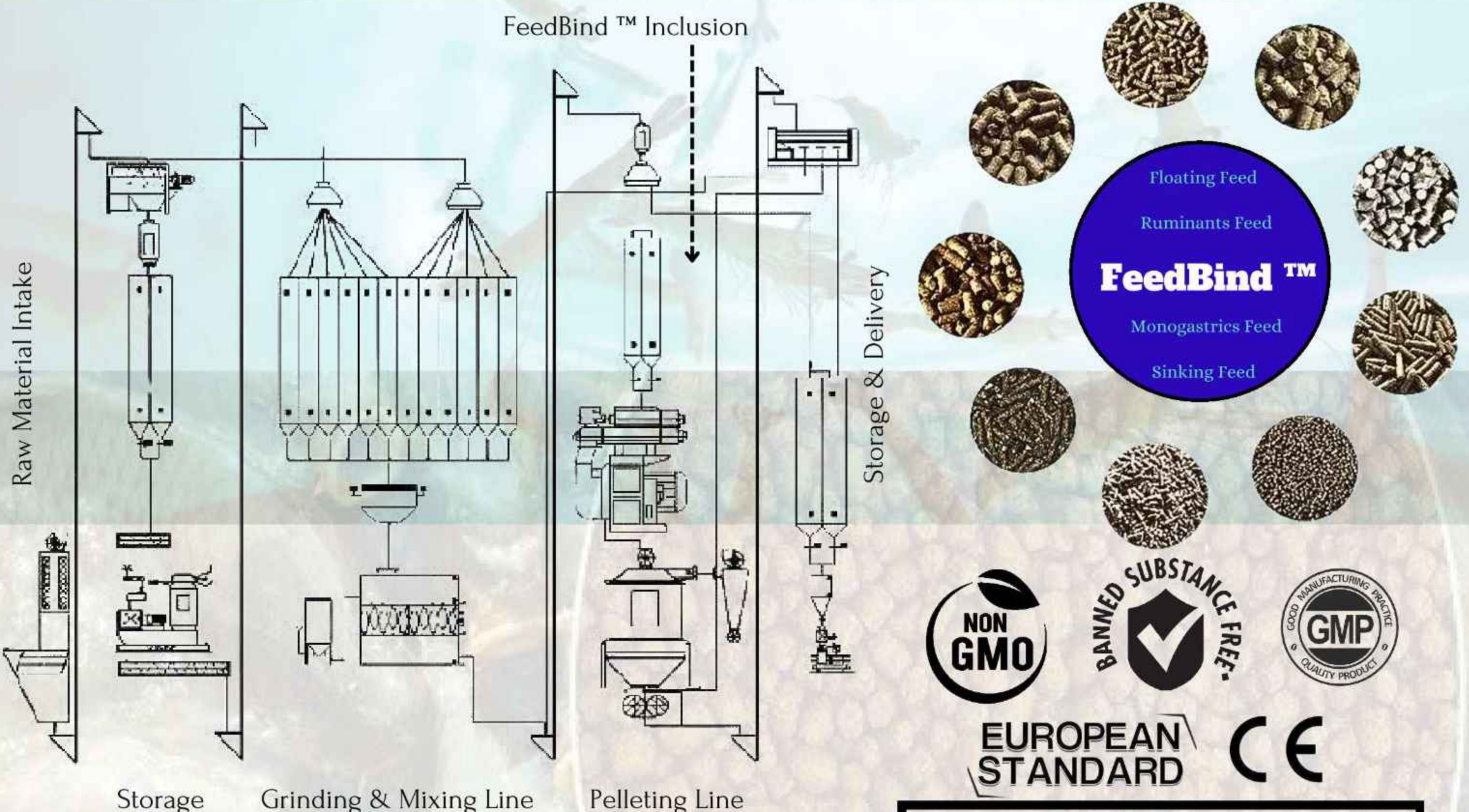
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FeedBind™

Feed Pellet Binder & Conditioner Designed For Feed Mills

- Maximize Starch Gelatinization By Increased Steam Absorbption Amidst Complex Formulation Including Fibre & Protein
- Lowers The Broken/Powder Percentage in Final Products
- Sustainable Effect Of Lubrication For Coarse to Heat Resistant Raw Materials In Processing
- Enhances Production Line Output
- Throughput Matrix Enhancer By Elimination Of Overdryness & Maintenance Of Optimal Moisture Level
- Gives An Upper Edge To The Thermo Resistance Unprocessed Matter Enabling Withstanding Heat & Whirls
- Lowers The Energy Cost Significantly
- Suitable For Use In Poultry, Cattle, Aqua, Pet & All Monogastrics & Ruminants Feed
- Improves Pelletability & Consistency in Pellet Quality
- Prevents Pellet Breakage During Packing, Transport & Loading - Unloading
- Gives High Stability In Water For Floating Feed (Fish/Shrimp/Prawn)
- Ahdhesive Property Of The FeedBind™ Optimize Inclusion Of High Quality & Micro Dosing Additives & Supplements
- Increases Profits For Feed Manufacturers
- FeedBind™ Reduced Segregation, Improved Shelf Life By Almost 1.4 Times During Field Trials
- Optimize Batch Mixing & Reduces Run Time Simultaneously Delivering Higher Throughput With Lesser Operations Hours
- Enhances Animal Feed Conversion By Binding The Input Nutrients Of FeedMiller and Farmers
- Maintains The Structure By Binding With Incorporated Matter Thus Creating A Three Dimensional Dense Matter
- Advanced Formula Of Binding Agents Enabling To Overcome Transport Ruination
- This Made The Pellets & Floating Feed Resilient On Pelleting Output & Conveyor Drops
- End Consumers Including Farmers, Corporates Are Able To Utilize Cleaner, Denser, Fuller & Thus Gaining Roi Value For Feed Millers By Recurring Orders All Due To A Superior Feed Structure Quality With The Aid Of FeedBind™
- Ensures Uniform Distribution Of Unprocessed Material By Emulsified Approach & Maintains Even Feed Distribution in Silos
- Prvides Feed Structure A Resistance To Abrasion Withstanding Commercial Physio Factors
- During The Feed Processing FeedBind™ Enables Feed To Be Free Flowing Thus Avoiding Machinery Hamper & Die Blockage



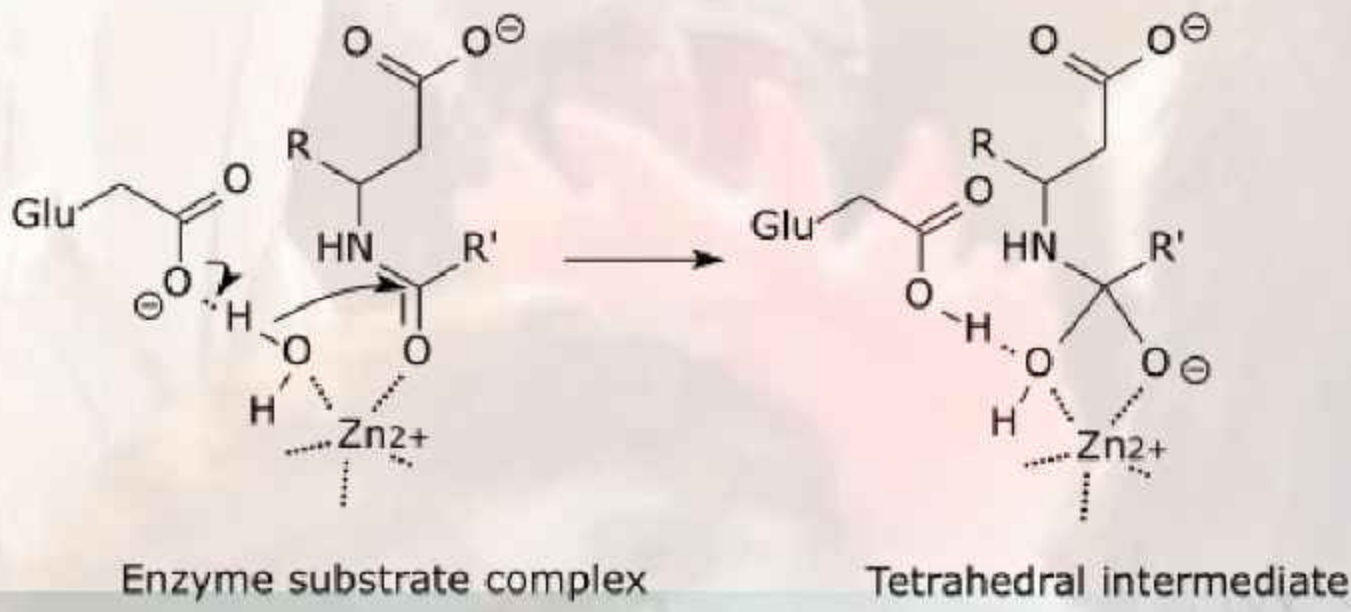
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EnzyMax™

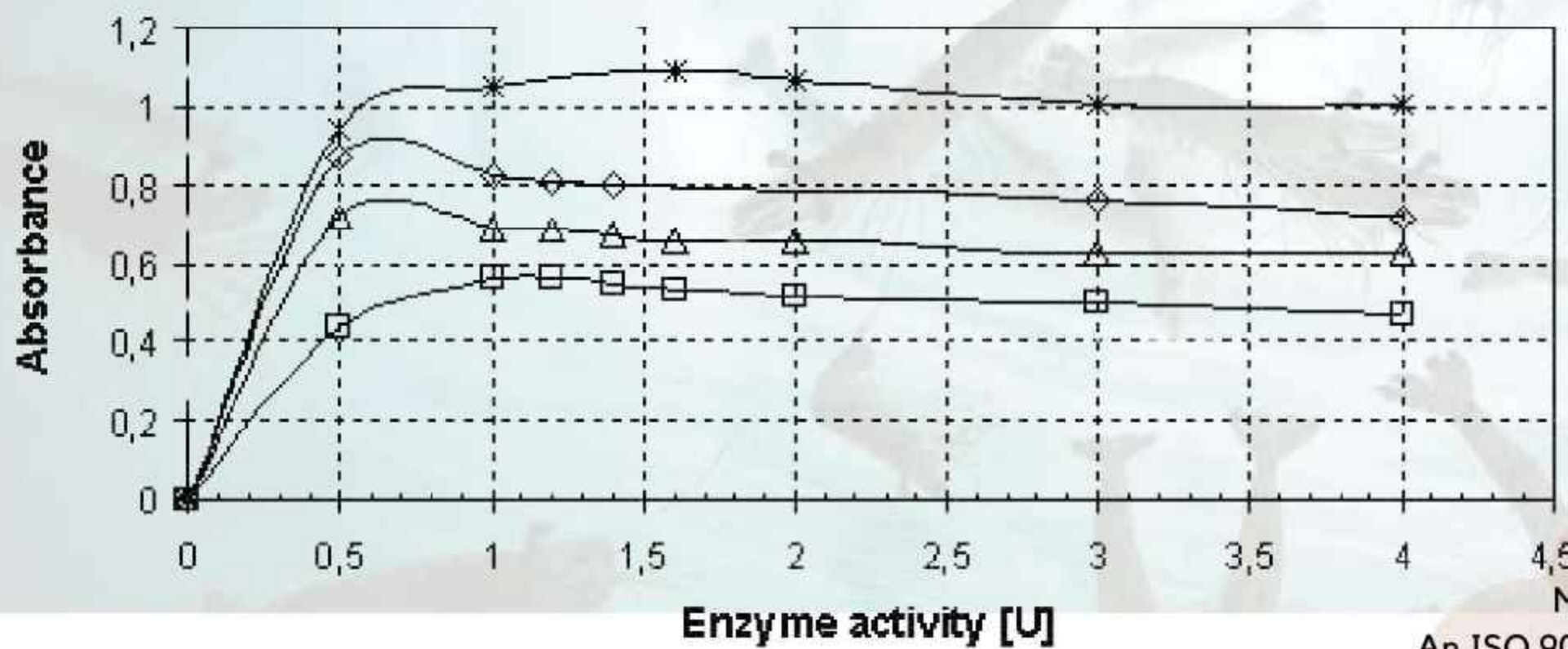
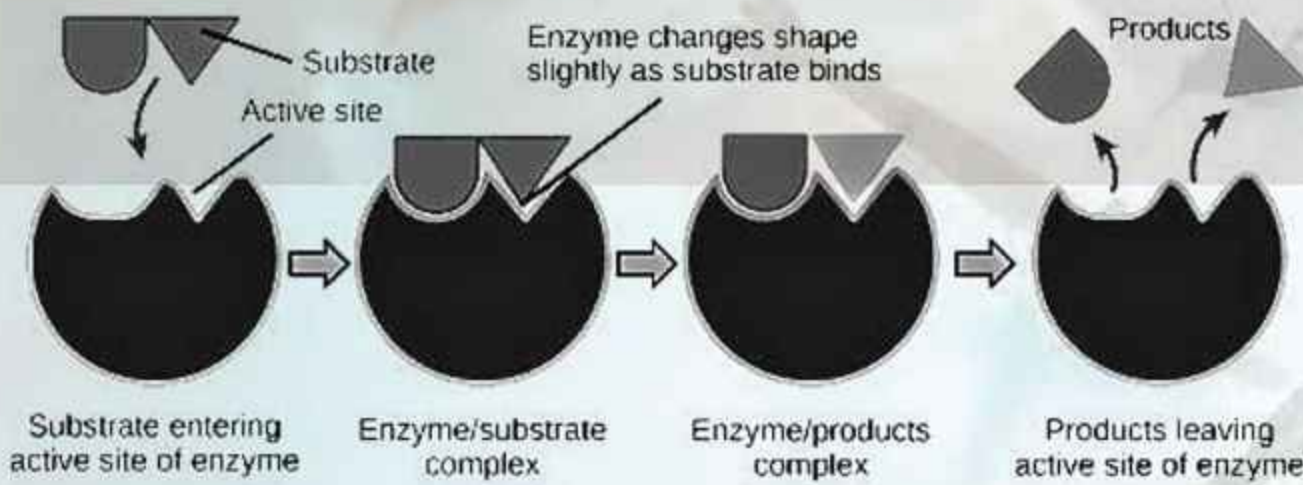
Strong Enzyme Premix

Feed Enzymes EnzyMax™ are highly effective biological catalysts capable of accelerating chemical reactions. Feed enzymes are commonly used in animals' nutrition. The purpose of adding enzymes to feed is to improve the utilization of the feed, increasing the amount of nutrients available to the animals which improves their health, lowers feed cost for the farmers and reduces farm waste volume. Chemically, they are proteins with a highly complex three-dimensional molecular structure. The protein nature of enzymes has important implications for their stability during high-temperature feed manufacturing and transition through the gastrointestinal tract. Enzymes aiming at the destruction of non-starchy polysaccharides (NSP-enzymes: xylanase, glucanase, and cellulase) are the second most popular in the world after phytase being the most popular. Other enzymes, such as protease, mannanase, pectinase, amylase, galactosidase are also used widely. Due to the widespread use of enzymes, the feed production market requires accessible, informative, and validated methods for evaluating enzymes in commercial products and premixes as well as in compound feeds. EnzyMax™ are very effective in maximizing feed conversion efficacy. The addition of enzymes in animal feed assists with delivering more production per animal at a much lower cost while improving the general long-term wellbeing of the animals. Vet expenses and death rates additionally decrease with the utilisation of EnzyMax™ incorporation in animal feed.



EnzyMax Nutrient Release & Efficacy Value & Percentage (For Office Use Only) Released on 07.10.2018
 Republished on 24.11.2022

Nutrient	Nutrient Release	Efficacy Value & Percentage
ME	174	461000
Phosphorus	0.08125	325%
Crude Protein	0.91	3640%
Calcium	0.08525	341%
Alanine	0.0475	190%
Arginine	0.05925	237%
Asparagine	0.039	156%
Cysteine	0.05275	211%
Glutamine	0.05175	207%
Glycine	0.02075	83%
Histidine	0.01625	65%
Isoleucine	0.07025	281%
Leucine	0.026	104%
Lysine	0.08620	330%
Methionine	0.043	172%
Phenylalanine	0.0183	84%
Proline	0.0425	170%
Serine	0.2125	85%
Threonine	0.04475	179%
Tryptophan	0.029	116%
Tyrosine	0.01625	65%
Valine	0.03675	147%



Each Kg Composition

Amylase	8000000 U
Protease	5500000 U
Cellulase	7000000 U
Lipase	1200000 U
Xylanase	10000000 U
Phytase	150000 U
B-glucanase	900000 U
B-mannanase	750000 U
Pectinase	150000 U
A-Galactosidase	600000 U
Lactase	100000 U
Pepsin	150000 U
Lysozyme	200000 U
Mannanase	100000 U
Amp Deaminase	150000 U

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- Optimum Nutrient Absorbtion
- Sustained Release
- Broad Spectrum Efficacy
- Feed Miller Companion
- High Strength Formula



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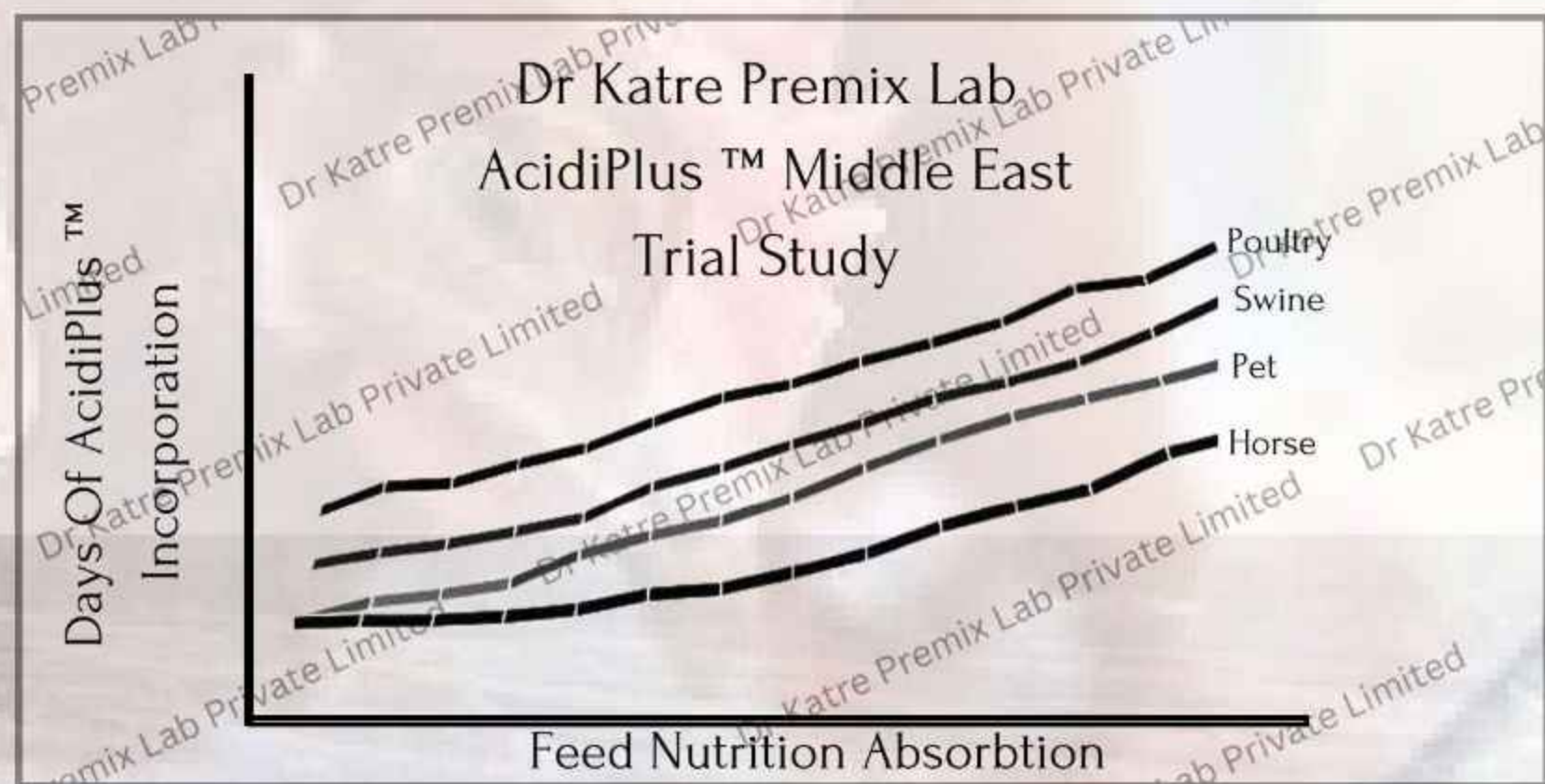
AcidiPlus™

World Class Complete Acidifier: Antibiotic Free Feeding Remedy & Growth Promoter

- Reliable Protection from Spoilage
- Targeted Reduction of Harmful Bacteria & Fungus
- Feed Preservation through inhibition of Yeast & Moulds
- Long Term Control of Salmonella E. coli & other harmful bacteria
- Support of Optimum Performance
- Supports Intestinal Micro Flora Viz. Lactobacillus

AcidiPlus™ organic acids are naturally occurring acids used in feeds that are employed in feed acidification, and is created during animal metabolism. They've been used as an in-feed preventive measure to combat the monogastrics diseases in the feed industry as they contain high antimicrobial, antibacterial & antifungal properties. Acidifiers and their use have a vital impact on the animal health and their welfare. Also, AcidiPlus™ promotes the growth of Monogastrics by these methods i.e improving the nutrients absorption & efficiency, modulating the metabolism and prevention & combating diseases. AcidiPlus™ plays an important role in the gut health in animals. The AcidiPlus™ could be used to favourably control & manage the intestinal microbial populations in such a way that it improves the immune response, thus perform an activity which is similar to the role of antibiotics in animals i.e by countering pathogenic bacteria. AcidiPlus™ highly improve the digestibility of nutrients and increases the absorption of trace minerals & elements. The incorporation of organic acids present in AcidiPlus™ leads to smoothing thinning of the intestinal lining that facilitates a better absorption of nutrients and efficient utilization of the nutrients in animal's body. By this way AcidiPlus™ in the diet enhances monogastrics' body weight and overall feed intake which makes it a companion of feed millers.

AcidiPlus™ mode of action is by influencing the stimulation of pancreatic secretions in animals and also the mucosal morphology. Pancreatic exocrine secretion and the biliary excretion are thus stimulated via the release of secretin in animal's body. It forms complexes with various cations and thus helps the absorption of the cationic minerals, such as zinc & calcium. As a result it makes these minerals to be easily absorbed in the digestive tract of the animals. AcidiPlus™ also affects the gastric emptying rate as the high pH of pyloric region stimulates its emptying rate. Increased acidity of digestive tract reduces the rate of gastric emptying that allows more time to digest nutrients in the stomach. Organic acids in AcidiPlus™ stimulates intermediary metabolism, resulting in improved energy or protein/amino acid utilization. AcidiPlus™ enhances the overall efficacy of feed.



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Each Kg Composition

Propionic Acid	12.0%
Citric Acid	10.0%
Formic acid	4.5%
Acetic acid	10.0%
Lactic Acid	3.5%
Phosphoric Acid	1.5%
Lauric acid	2.5%
Sorbic acid	4.5%
Malic Acid	0.2%
Butyric Acid	3.5%
Pyruvic Acid	2.5%
Tartaric Acid	6.5%
Yeast Cells	1.5%
Copper Oxinate	2.0%
Ammonium Propionate	1.0%
Choline Chloride	0.1%
Hyd veg oil	0.3%
Essential oil	0.5%
Sorbitol	1.0%
Ammonium Formate	1.5%
Surfactants	0.5%
Ph Regulators	2%
Anti oxidant	5%

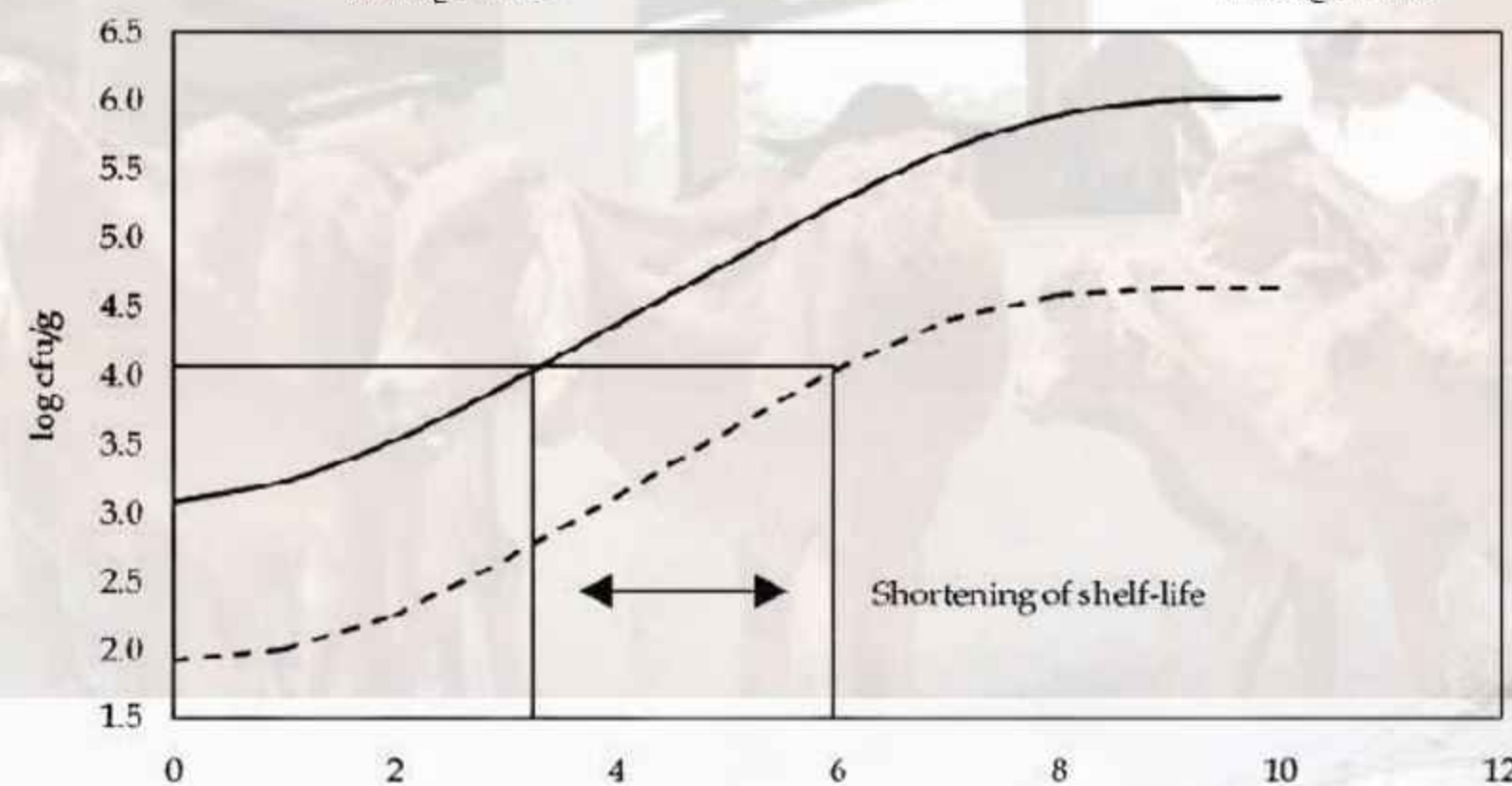
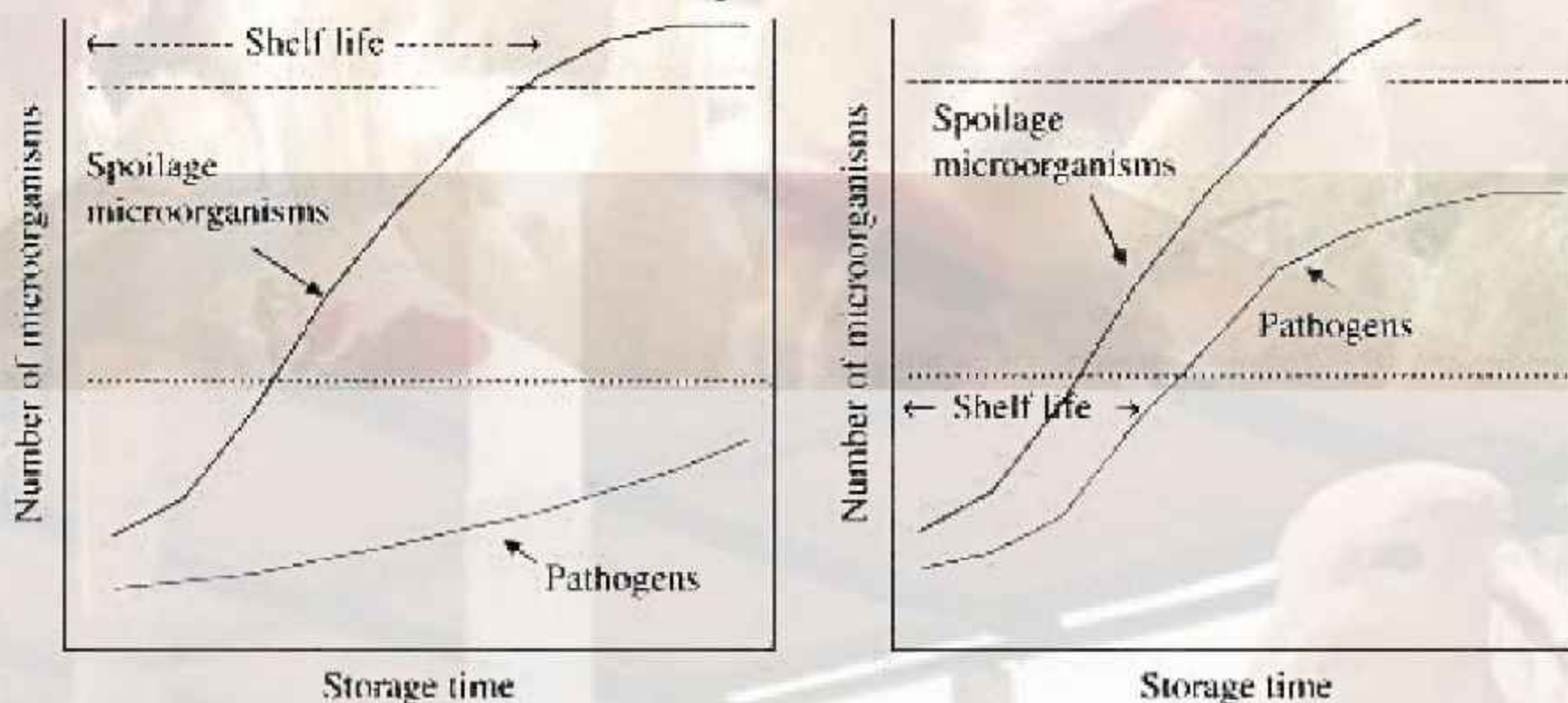
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Potent Premix To Increase Feed Shelf Life Essential For Feed Manufacturers

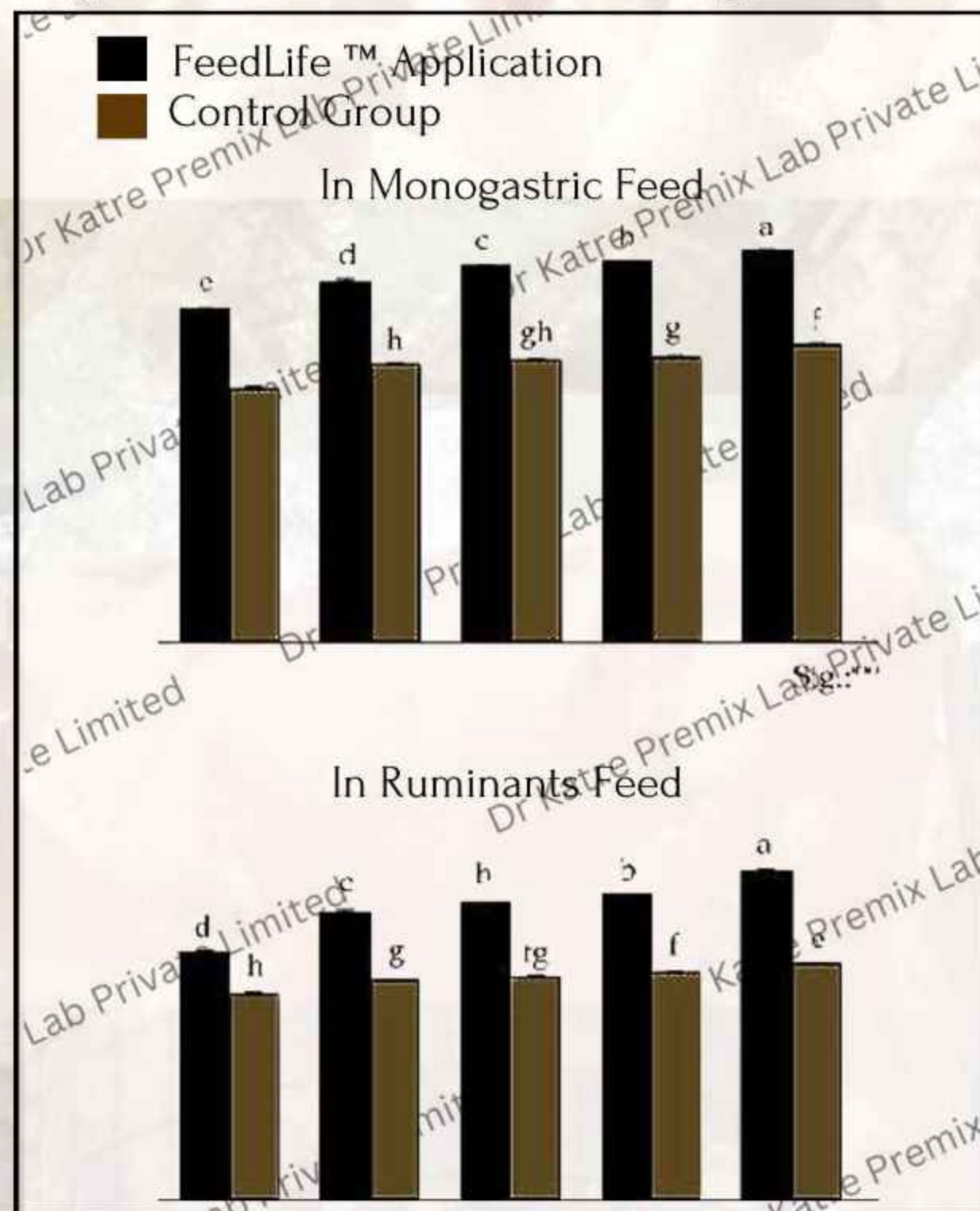
- § Enhances shelf life of feed
- § Effectively manages moisture content of finished feeds
- § Protection of finish feed via Acidification and Sanitization of formulated feeds and raw materials
- § High ability in inhibiting possible Gram -ve and Gram +ve bacteria, moulds, yeasts and viruses
- § Improvement & Maintenance of the quality of raw materials after processing, packing & storage
- § Neutralise and expel Tape Worms, Round Worms, Thread Worms and Hook Worms in a natural and stress free way
- § Completely safe and free from any negative side effects
- § Maintains protein & energy percentage via keeping nutritional value intact

The shelf life of the animal feed products is a very important feature for both feed millers and end consumers. The most important factor for shelf life evaluation of feed is safety followed by quality including chemical, physical and sensorial properties. A higher water content combined with the natural composition of the material makes it a destructive base for fungal growth and biodeterioration of animal feed products which is certainly a major problem. Typical destructive microorganisms present in the moist feed are: *Sporobolomyces roseus*, *Aspergillus oryzae*, *Pichia anomala*, *Isatchenkia orientalis*, *Cladosporium cladosporioides* and *Monascus rubra*. FeedLife™ is a proprietary blend designed to combat pathogenic growth and thus enhancing feed shelf life.

Effect Of Pathogens On Feed Shelf Life



FeedLife™ Europe Trial Study
 High Effectiveness On Increasing Shelf Life



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- ➔ Optimum Moisture Content Management
- ➔ Substantial Increase in Finished Feed Shelf Life
- ➔ High Reduction Of Pathogens in Packaged Feed
- ➔ High Strength Formula
- ➔ Feed Mill Essentials



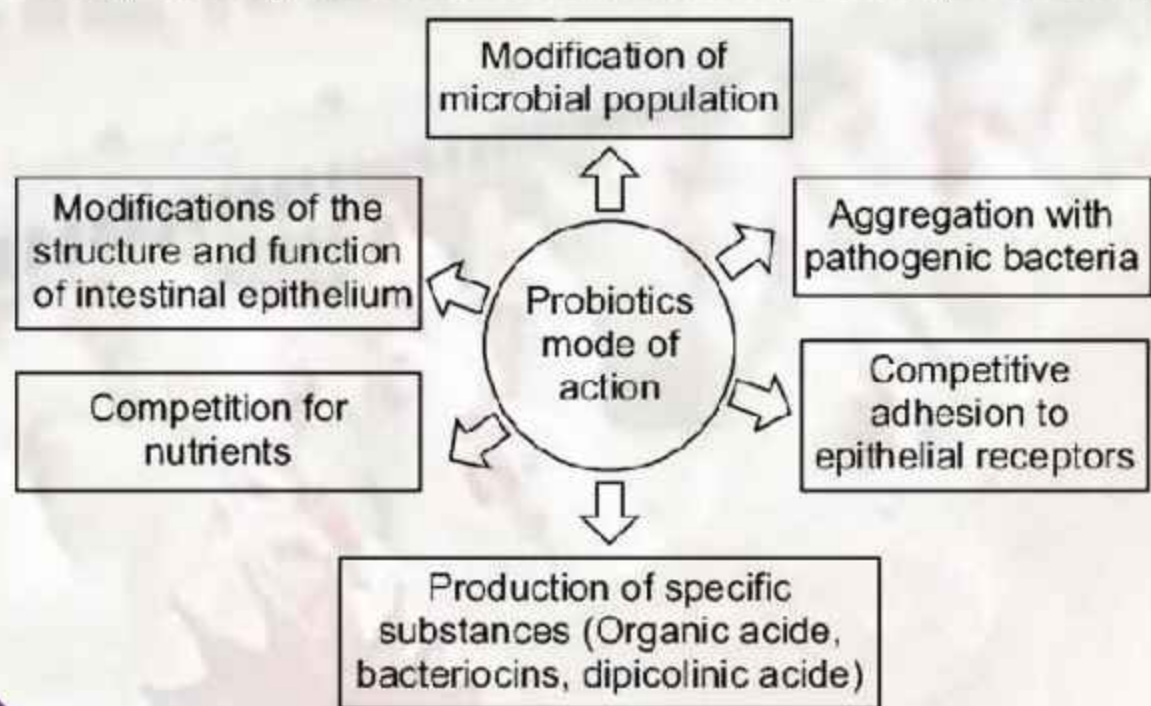
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ProbioTop™

Top Selection Of Probiotics

Enhancements in efficiency of creatures because of probiotics can be related with an expansion in assimilation and retention of supplements. Probiotic microscopic organisms produce antimicrobial mixtures that repress hurtful microorganisms in the GIT. We know that the creation of safe nourishment for human utilization is the main role for creature raising, the climate and prosperity of the creatures should likewise be thought about. In light of microbiological perspective, the creation of good food from creatures includes considering foodborne microorganisms, from one perspective and then again, the techniques used to battle against microorganisms during rearing. The regular strategy to control or forestall bacterial diseases in cultivating is the utilization of anti-microbials. Notwithstanding, the prohibiting of these mixtures as development advertisers caused many changes in creature reproducing and their utilization has since been restricted to the treatment and avoidance of bacterial contaminations. In this capability, their significance never again should be illustrated, yet tragically, their exorbitant and oppressive use have prompted a twofold issue which can have hurtful outcomes on shopper wellbeing: Protection from anti-microbials and the presence of anti-microbial buildups in food. The utilization of probiotics seems, by all accounts, to be a reasonable choice to conquer these issues in light of their capacity to tweak the safe framework and gastrointestinal microflora, and further taking into account their hostile job against specific pathogenic microorganisms and their capacity to assume the part of development factor when utilized as feed added substances. As well as being non-pathogenic to creatures, miniature life forms utilized as probiotics are chosen based on their endurance in the gastro-digestive climate and capacity to endure low pH and high groupings of bile acids. Also, the picked strain ought to endure the assembling, transportation, stockpiling and application processes, keeping up with its suitability and beneficial attributes. ProbioTop™ build the number of inhabitants in valuable miniature life forms including lacto-bacilli and bifidobacteria which then restrain development of destructive miniature organic entities by delivering repressing substances (bacteriocins or potentially natural acids) and by cutthroat exclusion. Epithelial cells in the gastro-digestive mucosa make a specifically penetrable hindrance between the digestive lumen (which contains unsafe substances like unfamiliar antigens, miniature creatures and poisonous materials, as well as useful supplements) and the inward climate of the body. Inclusion of probiotics before the pathogenic contaminations or before the microbes entering the GIT is the best time for ProbioTop™ presentation. ProbioTop™ is utilized as a remedy in contrast to anti-infection agents in feed going from non-spore framing lab to spore formers and thus have been assessed for their capability to further enhance development rates in business creation & improve growth rates in commercial production.



Each Kg Composition	
Saccharomyces cerevisiae	200000 Million CFU
Saccharomyces boulardii	650000 Million CFU
Lactobacillus sporogenes	150000 Million CFU
Lactobacillus acidophilus	100000 Million CFU
Lactobacillus helveticus	50000 Million CFU
Lactobacillus rhamnosus	25000 Million CFU
Bacillus subtilis	25000 Million CFU
Bacillus licheniformis	15000 Million CFU
Bacillus polymyxa	15000 Million CFU
Bacillus megaterium	10000 Million CFU
Bacillus mesentericus	15000 Million CFU
Bacillus coagulans	10000 Million CFU
Aspergillus oryzae	150000 Million CFU
Aspergillus awamori	125000 Million CFU
Pediococcus acidilactici	10000 Million CFU
Pseudomonas denitrificans	10000 Million CFU

Each Kg Composition

- Increase Serum Immunoglobulin Levels
- Modulator Of Immune System
- Competitive Exclusion
- Universal & Bioavailable Feed Additive
- Git Harmful Pathogen Inhibitor
- Efficacious Mode Of Action
- Promotes Intestinal Microflora
- FeedMill Commercial Growth

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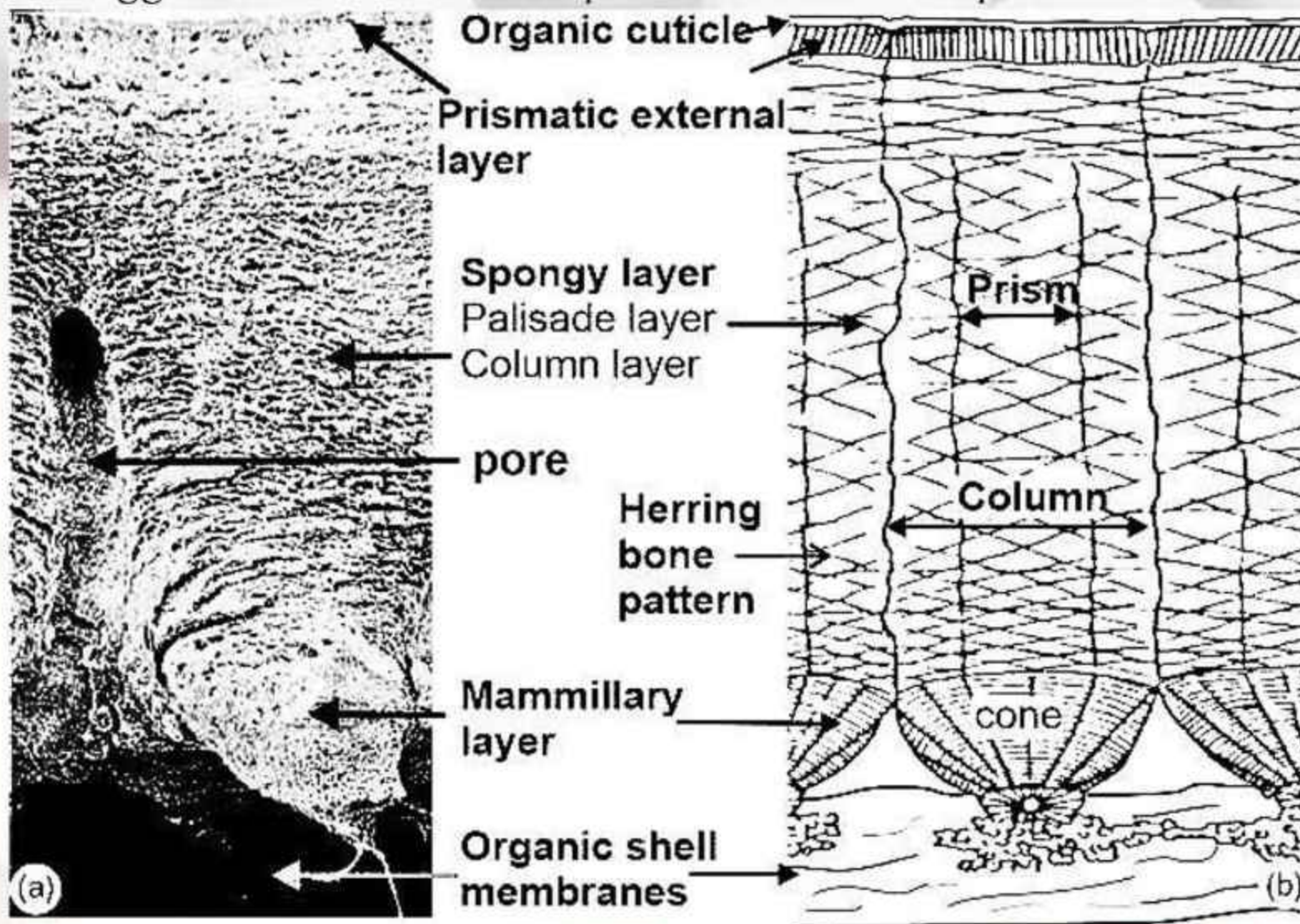
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Experts' Proprietary Formulation For Egg Shell Quality, Thickness, Pores, Strength And Egg White Texture & Viscosity

We are aware that eggshell is a thin mineral layer approximately 340-350 microns thick which protects the egg's contents from mechanical impacts, dehydration, and contamination by microorganism. As layers age the egg shells gets thin & also develop unsightly surface bumps along with chalky deposits. During handling, transport they may tend to shatter too easily. Also the shell layer is perforated by various pores that allow the hassle free exchange of necessary gases meant for the embryo development. The shell also supplies the required calcium that is vital for the skeletal development. Eggshell quality is a major concern to the layer industry, because the total disinfection of the eggshells is important for preventing egg spoilage and disease caused by consumption of spoiled eggs or egg products. It is estimated that around 60% of discarded eggs are due to poor egg shell quality issues. In such pale eggs, it is likely that cuticle deposition and calcium accumulation has been decreasing or it might not be complete which could due to nutrition deficiency or disease. The eggshell quality issues and deterioration are also due to premature oviposition. A thick eggshell will help prevents bacteria from infecting the embryo inside. The cuticle is secreted while the egg is being laid and thereafter seals the pores of the eggshell to prevent entrance of any bacteria inside the egg. Other factors such as disease challenges and environmental stress like heat stress can also lead to poor eggshell quality. Trace elements like zinc and manganese are vital for eggshell quality, copper improves structural strength and elasticity of connective tissue, like the eggshell membrane, while it also increases the bone strength of layers. Eggshell quality is of great importance for the survivability, protection & development of embryos.

EggsPert™ is a World Class unique proprietary blend that is first of its kind which not only improves the quality of the eggshells but is also proven to have nutritional & strength benefits as per the trial studies conducted in Netherlands & Saudi Arabia on EggsPert™

Egg Shell Structural Components Pictorial Representation



Enhances Embryo Development

Multiplies Layer Farmers Profitability

31% - 38% Reduction In Egg Spoilage

Eliminates Pathogen Penetration

Egg White Albumin Texture & Viscosity

Each Kg Composition

- Casein Phosphopeptide
- Oyster Fossilize
- Calcium
- Zinc Proteinate
- Manganese
- Phosphorus
- Magnesium
- Phytase
- Rosemary
- Taurine
- Vitamin D
- Polysaccharides
- Echinacea

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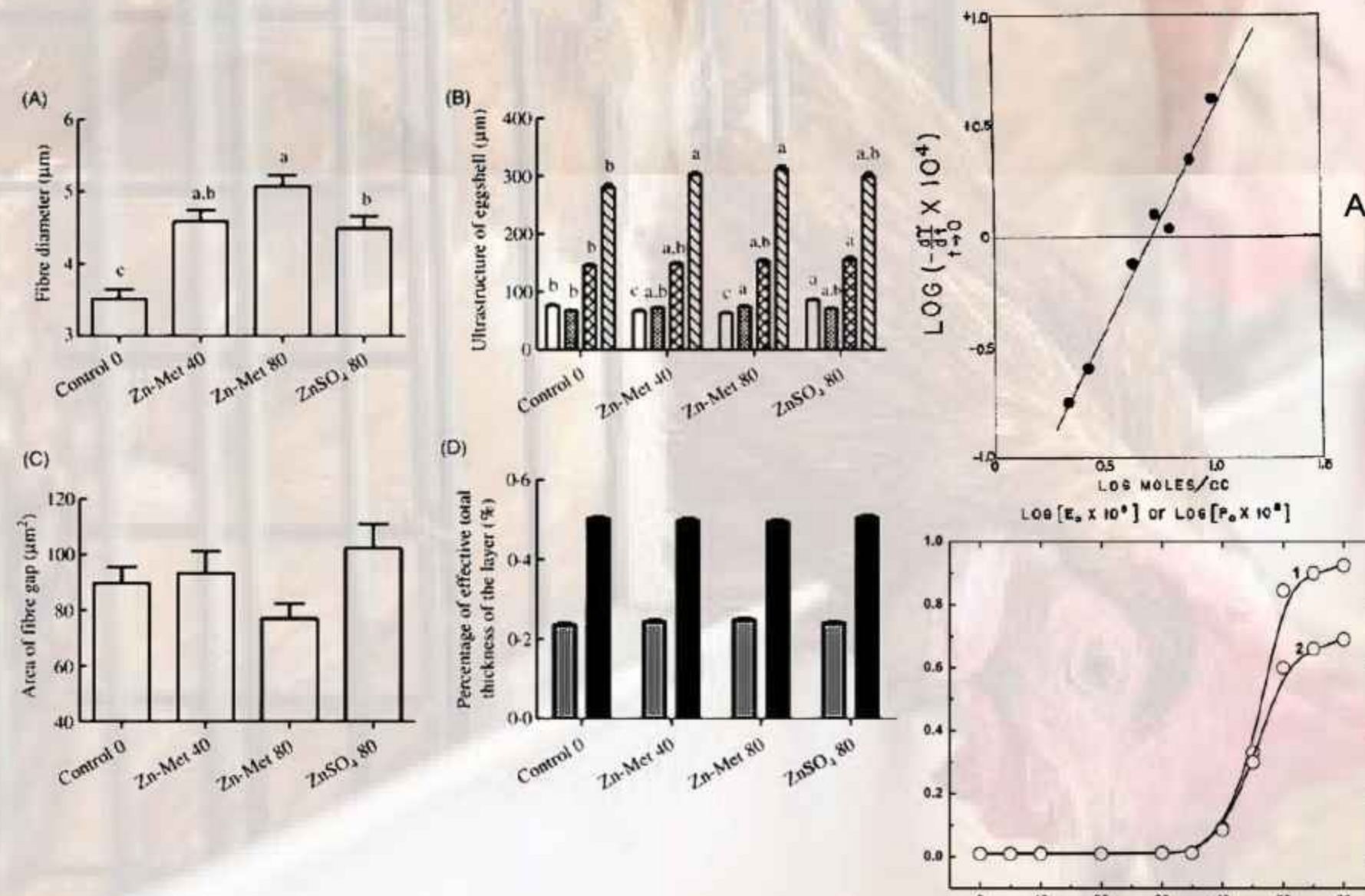


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Correlation Graph Of EggsPert™ Main Ingredients With Egg White & Egg Shell Quality





Aroma & Taste : Formula For Sensory Receptors & Feed Palatability Hi Tech Feed Flavors Animals Cannot Resist

- Gives an upper edge to Feed Manufacturing Brand
- Enhances the feed intake in animals
- Thermal resistance i.e doesn't disintegrate during processing
- Allows FeedMillers to work with Formulations as AroMaste™ makes the feed appealing despite change in formulations
- Selective feed attraction towards a particular brand feed taste
- AroMaste™ creates more market demand for Feed Manufacturers

**Feed Manufacturers Want Their Feed To
 Smell The Best Among Other Feed Companies**

Have Your Premium Distinct Brand's Feed Smell To Make A Mark When Your Feed Bag Is Opened

DRKPL AroMaste™ Cinnamon

DRKPL AroMaste™ Thyme

DRKPL AroMaste™ Butter

DRKPL AroMaste™ Citrus Orange

DRKPL AroMaste™ Coconut

DRKPL AroMaste™ Fruit

DRKPL AroMaste™ Guava

DRKPL AroMaste™ Fenugreek

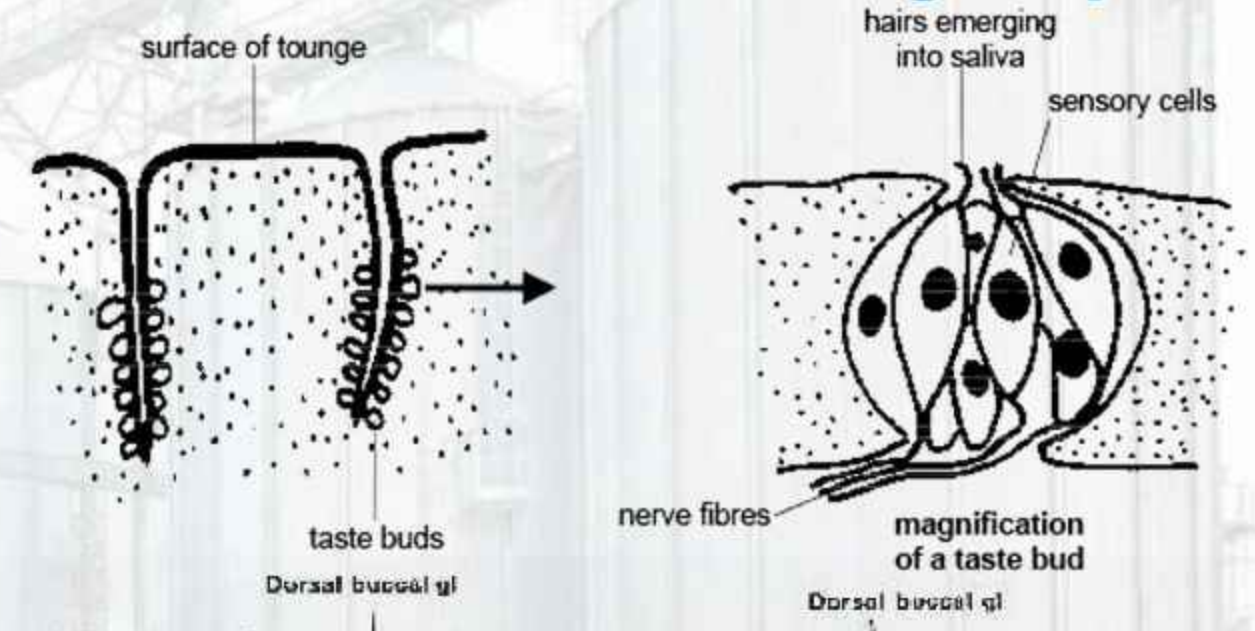
DRKPL AroMaste™ Molasses

DRKPL AroMaste™ Cherry

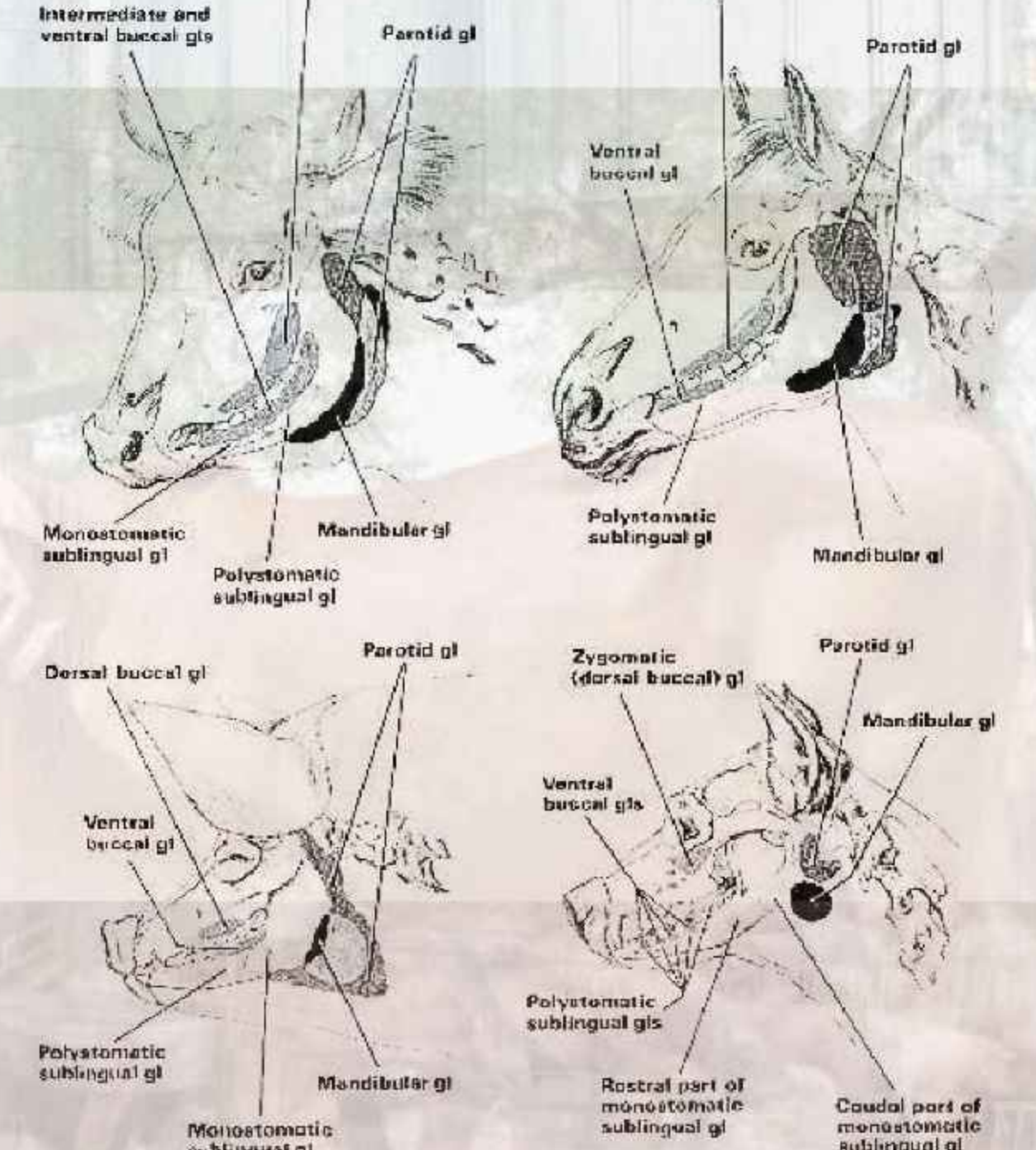
DRKPL AroMaste™ Maple

DRKPL AroMaste™ Anise

Animal Taste Buds Anatomy



Schematic Representation Of Animal Oral Cavity & Salivary Gland



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Premium & Affordable Brand
High Performance Export Quality Product

 **Dr Katre Premix Lab Pvt Ltd**
Brand : **Dr Feeds**

Concentrates & Premixes

BROILER CONCENTRATES



5 % Broiler Concentrate Pre Starter
5 % Broiler Concentrate Starter
5 % Broiler Concentrate Finisher

7.5 % Broiler Concentrate Pre Starter
7.5 % Broiler Concentrate Starter
7.5 % Broiler Concentrate Finisher

10 % Broiler Concentrate Pre Starter
10 % Broiler Concentrate Starter
10 % Broiler Concentrate Finisher

20 % Broiler Concentrate Pre Starter
20 % Broiler Concentrate Starter
20 % Broiler Concentrate Finisher

25 % Broiler Concentrate Pre Starter
25 % Broiler Concentrate Starter
25 % Broiler Concentrate Finisher

40 % Broiler Concentrate Pre Starter
40 % Broiler Concentrate Starter
40 % Broiler Concentrate Finisher

LAYER CONCENTRATES



5 % Layer Concentrate Starter
5 % Layer Concentrate Grower
5 % Layer Concentrate Developer
5 % Layer Concentrate Pre Lay

20 % Layer Concentrate Starter
20 % Layer Concentrate Grower
20 % Layer Concentrate Developer
20 % Layer Concentrate Pre Lay

27.5 % Layer Concentrate Starter
27.5 % Layer Concentrate Grower
27.5 % Layer Concentrate Developer
27.5 % Layer Concentrate Pre Lay

35 % Layer Concentrate Starter
35 % Layer Concentrate Grower
35 % Layer Concentrate Developer
35 % Layer Concentrate Pre Lay

POWERFUL PREMIXES



Premix 0.10 %
Premix 0.25 %
Premix 0.50 %
Premix 1.00 %
Premix 1.50 %

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Custom Made Personalized Premix Species/ Company /Requirement Basis

4C

Customer Centric Customized Creation

Foreground:

Premix being our Forte, Presently till date ,We have Running Products with Formulations for 70 + Premixes and 485 + Subtypes designed for Country Specific Market, Animal Type and Output.

Customized According To:

- Unprocessed Matter Quality
- Output Forecast
- Premix Type
- Major Ingredient Incorporation
- Therapeutic Levels,
- Meteorological Conditions

Each premix has a High Strength Formula with Top Ingredient Incorporation Percentage which is 20X to 45X Powerful than Market's Ordinary Premixes.

Premix Ingredient Range To Formulate Personalized Premix

Create Your Own Premix

β-carotene	Propionic Acid	Amylase	Narasin	Alanine	Saccharomyces boulardii
Isozeaxanthin	Citric Acid	Protease	Diclazuril	Arginine	Saccharomyces cerevisiae
Dimethyl ether	Formic acid	Cellulase	Halofuginone	Asparagine	Lactobacillus sporogenes
Cysteamine	Acetic acid	Lipase	Lasalocid	Aspartic acid	Lactobacillus acidophilus
β-cryptoxanthin	Lactic Acid	Xylanase	Maduramicin	Cysteine	Lactobacillus helveticus
Lutein	Lauric acid	Phytase	Monensin	Glutamine	Lactobacillus rhamnosus
Canthaxanthin	Sorbic acid	Asparaginase	Nicarbazin	Glutamic acid	Bacillus subtilis
Canthaxanthin,	Malic Acid	B-glucanase	Robenidine	Glycine	Bacillus lichiniformis
Capsanthin,	Butyric Acid	B-mannanase	Salinomycin	Histidine	Bacillus polymyxa
Citraxanthin	Pyruvic Acid	Pectinase	Amprolium	Isoleucine	Bacillus Amyloliquefaciens
βapo8 Ca Ethyl est	Tartaric Acid	A-Galactosidase	Clopidol	Leucine	Bacillus megaterium
Lycopene	Phosphoric Acid	Lactase	Miltefosine	Lysine Hcl	Bacillus mesentericus
Zeaxanthin	Yeast Cells	Pepsin	Sulfadimethoxine	Lysine Sulp	Bacillus coagulans
Curcumin	Copper Oxinate	Mannanase	Dicalcium	Methionine	Bacillus pumillus
Spirulina	Ammonium Ppnt	Arylesterase	Phosphate	Phenylalanine	Aspergillus oryzae
Alfalfa leaf	Choline Chloride	Catalase	Monocalcium	Taurine	Aspergillus awamori
HSCAS	Hyd veg oil	Hemicellulase	Phosphate	Proline	Pediococcus acidilactici
PVPP	Essential oil	Amp Deaminase	Mono Dicalcium	Serine	Pseudomonas denitrificans
Apo ester	Sorbitol	Muramidase	Phosphate	Threonine	Nitrosomonas Nitrobactor
Mannan Olig	Ammonium Fmt	Polygalacturonases	Tricalcium	Tryptophan	Rhodococcus
Violaxanthin	Surfactants	Tannase	Phosphate	Tyrosine	Rhodobactor
Astaxanthin	Ph Regulators	Pullulanase	Sodium Alginate	Valine	Cellulomonas cartae

Vitamin A	Zinc	Casein Phosphopeptide	Chelated Se
Vitamin D3	Manganese	Oyster Fossilize	Chelated Bo
Vitamin E	Iron	Zinc Proteinat	Chelated Zn
Vitamin C	Copper	Sulfhydryl oxidase	Chelated Mn
Vitamin K3	Iodine	Rosemary	Chelated Fe
Vitamin B1	Potassium	Polysaccharides	Chelated Cu
Vitamin B2	Selenium	Echinace	Chelated I
Vitamin B3	Cobalt	Calcium formate	Chelated K
Vitamin B4	Molybdenum	Morantel Citrate	Chelated Co
Vitamin B5	Chromium	Cobaltous Sulfate	Chelated Mo
Vitamin B6	Sodium	Sucrose Fa Ester	Chelated F
Vitamin B9	Calcium	Dibutylhydroxytoluene	Chelated Na
Vitamin B12	Magnesium	Ethoxyquin	Chelated Ca
Vitamin PP	Anti-mould	Sodium Polyacrylate	Chelated Mg
Biotin	Phosphorus	Butylhydroxyanisol	Chelated Cr

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