



**BLUECROSS**  
ANIMAL HEALTHCARE PVT. LTD.

*Experts Recommendation and  
Feed Millers Choice*





“

Unlock the full potential of your poultry with our scientifically formulated feed supplements, delivering superior nutrition for optimal **growth and productivity!**



TOP-NOTCH  
QUALITY



CUSTOMER  
CENTRIC



TIMELY  
DELIVERY



**BLUECROSS**  
ANIMAL HEALTHCARE PVT. LTD.

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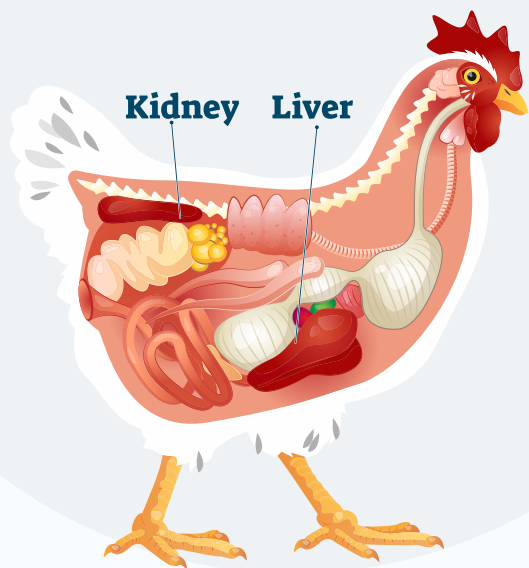
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# Bluecholin 60

Poultry feed supplement



## Bluecholin 60 Recommended Inclusion Level ( g/MT of feed )

Layers 1000 - 1500

Breeders 1900 – 2300

Broilers 1900 - 2300

• **Packaging :- 10 kg bags (BOPP)**

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• • •

# PREVENT THE ACCUMULATION

## of fat in livers and kidneys

### Composition (Each kg)

Choline Chloride 60% Corn Cob Based

Bluecholin is especially important to fowls. The amino acids and the lecithinum, composed of choline, are transferred to the tissues of fowls to prevent fat from accumulating on liver and kidney, and to speed up fowl's growth and hatchability and laying rate. Choline cannot be synthesized in the bodies of young animals in which the choline needed is gained completely from the feed. Therefore, choline must be added to the animal feed.

#### Use:

Many animals, such as poultry, livestock and fish have heavy requirements to choline. Choline prevents fat accumulation and denaturation of liver and kidney as well as perosis. Its shortage will result in a retarded growing, uncoordinated movements, and poor fertility. Adding choline in the bait of all kinds of fish and shrimp, the growth of fish and shrimp will be accelerated, thus high yielding will be obtained. choline (commonly in the form of choline chloride) is one of the B categories of vitamin. it is acetylcholine in the biological organization.

It is the components of lecithin and nerve acid fat. it is used by most animals as a precursor of acetyl choline, which influences the transmission of impulses from nerves to muscles.

It is also used as a source of methyl groups. in feed, the content of natural choline chloride is limited. it can not satisfy complete demand for the animal growing. therefore, choline chloride is widely used as feed additive at home and abroad. It will stimulate the animal or poultry's growth, put on their weight rapidly and boost up the body's immunity function. It has prominence effects on improving the quality and quantity of eggs and meat. on the contrary, shortage of choline may cause liver diseases, retarded growth, perosis, reduced egg-laying rate and increased mortality

#### Function

To prevent the accumulation of fat in livers and kidneys and avoid its pathological changes .  
 To increase the growth rate and laying rate of fowls and increase the egg production.  
 To enhance the health of animals and to improve its ability to anti-illness.  
 To increase the growth and survival rate of fishes and promote its propagation.  
 To ensure the proper functioning of the nervous system of birds.

• • • • • • • •  
• • • • • • • •





Contains : Choline Chloride ( 98% ) Trimethyl Glycine Biotin

# UNIQUE COMBINATION OF CHOLINE CHLORIDE

POULTRY FEED CONCENTRATE

A maximum of 0.5% water after spray drying-a technique commonly used in human food production. Choline Chloride is customary classified as a vitamin. It belongs to the family of water soluble B-vitamins. It was formerly known as the vitamin B4. Like other vitamins, it plays a significant role in nutrition, but its daily requirement seems to be hundreds of times greater than that of other vitamins.

### Bluecholin has three essential metabolic functions:

- ① As a constituent of lecithin, it is important for the construction of the cellular membrane and for the transport of lipids from the liver – thus preventing fat accumulation in that organ.
- ② As a precursor in the synthesis of the neurotransmitter acetylcholine, interacting in muscle control.
- ③ As a source of labile methyl groups, which are essential for numerous biological processes and therefore an important factor for healthy growth. Choline chloride is an essential component of most plant and animal cells and occurs in almost all feed ingredients. However not all of the naturally occurring choline is bioavailable. A lot of animals need a minimal amount of choline which is not fully covered by the natural choline content of the feed. For many years Choline Chloride has been added as a standard ingredient to premixes and as an additive to feed preparations for a variety of monogastric animals. Not only traditional poultry and pig feeds. In the compound feed sector, choline is generally added as the hydrochloric acid salt choline chloride. It is widely incorporated in feed for poultry, pigs, crustaceans, fish and calves, as well as being an essential additive to pet food.

### These essential functions benefit are:

- > Bluecholin as a constituent of phospholipids, i.e. it is essential in the building and maintenance of cell structure, as well as ensuring normal maturation of the cartilage matrix of bone, including the prevention of perosis in broilers;
- > In fat metabolism in the liver, i.e. utilisation and outward transport of fat, so preventing of fat within hepatocytes - so-called "fatty liver";
- > As a precursor for acetyl choline synthesis, the transmission agent for impulses along the sympathetic nervous system.
- > Choline plays an essential role in egg yolk formation. Prevention of perosis requires the addition of choline chloride to the feed.

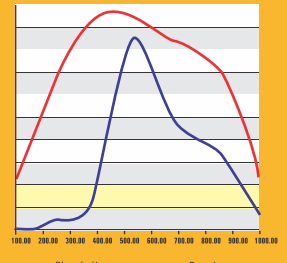
### Dosage

Layers : 500 gm per ton of feed.  
Broiler & Breeder : 1 kg per ton of feed.  
Or as recommended by veterinarian.

Packaging :- 25 kg bags (BOPP)



\* Compared to Choline Chloride on Carrier



Bluecholin guarantees optimal, homogeneous mixing with other components in the premix.







**Betaine HCL 98% Feed Grade**

Increase immunity, disease resistance and anti-stress, decrease diarrhea

Heighten attractant and feed intake for aquatic animal reduce feed intake time, feed waste and pollution in water

Partially replace methionine

Heighten anti-coccidiosis action

Heighten percentage of lean meat, meat quality and flavor.

Increase level of fermentation as nutrition substance for lysine, theronine, glutamate, VB2 and VB12

**Composition (Each kg)  
Betaine HCL 98%**

This product is a quaternary ammonium salt, lactone alkaloids, with active N-CH<sub>3</sub> and within the structure of lactone.

It can be used as advantage methyl donor in synthesis of proteins in the body and adjust the penetration pressure of animal in a comparing range of pH and electrolyte concentration.

**USAGE AND AMOUNT :**

Mix product with small and free flowing feed, then add into premix or compound feed

Recommended Additive Amount (Unit : kg/t)

Specification	Laying Hen	Broiler	Shrimp & Crab	Fish
Betablue 98%	0.2 - 0.7	0.3-1.0	2.0-3.0	1.0-3.0





## High Quality **Essential** Trace Minerals

Regular supplementations of MICROMIN-DS help to maintain healthy growth & higher productivity.

To provide a balanced combination of nutrients.

Improves body resistance and ensures good health as well as peak egg production.

Manufactured in an ultra modern plant confirming to world standards and are continuously monitored in the quality control lab for its purity, efficacy and shelf life.

Improves growth & increases egg production by providing strength to bones & muscles.

Improves growth, production, fertility, hatchability.



### Dosage :

500 gm per ton of feed in normal course  
750 gm per ton of feed in during deficiency

**Presentation : 25 Kg (BOPP Bag)**

### Composition:

Each 1 Kg Contains.

Copper	15 gm
Iodine	02 gm
Iron	90 gm
Manganese	140 gm
Selenium	0.3 gm
Zinc	100 gm
Molybdenum	1 gm





# MICROMIN-L

## BALANCED TRACE MINERAL CONCENTRATE

### Composition:

Each 1 Kg. Contains

Copper	15 gm
Iodine	02 gm
Iron	90 gm
Manganese	90 gm
Selenium	0.3 gm
Zinc	90 gm
Molybdenum	0.5 gm

Trace minerals through required in small quantity is very much essential for the maintenance of the general metabolism of the birds.

They are used as integral components of enzymes vitamins, hormones, pigments etc.

Their deficiencies leads to various malfunction like required uptake of oxygen and other nutrients.

Impaired protein and carbohydrate metabolism reduced enzyme efficiency osmotic and PH, Imbalances etc.

Hence the regular supplementation of MICROMIN-L in poultry diet.....

### Indication

- Improves growth & body weight.
- Increases the egg production.
- Improves the nutritive value of the eggs.
- Alleviates the stress.
- Prevents the deficiency symptoms like poor growth, reduced hatchability and mortality.

### Dosage

- 1kg per ton of feed in normal course.
- 2kg per ton of feed during deficiency.

Presentation: 25 Kg (BOPP Bag)



**Blue ctc**  
**15%**

Blue CTC 15% is effective to resist bacteria and parasite. It is a kind of chlortetracycline species broad spectrum bacteriostatic. It can strongly resist against gram positive bacteria, gram negative bacteria, rickettsia, brucellosis, mycoplasma, cholera and recurrent fever to prevent and cure respiratory disease, paratyphoid, cholera, bacterial enteritis and pneumonia of fowl & poultry, so as to promote the growth of fowl & poultry and enhance efficiency of feed.

Blue CTC 15% can prevent the animals from the secretion of microbial toxin and improve the function of absorption to nutriment as well as increasing the rate of weight gain and the rate of efficiency of layer, which could further improve the comprehensive economic benefit by a big margin.

Blue CTC 15% can not only promote the function of absorption of intestines and stomach of animals, but also improve the permeation and absorption of & stimulate the appetite, which could further improve feed efficiency.

#### **Recommend use level :-**

To achieve best therapeutic effect and highest growth promotion levels.

It is recommended for use in poultry feed at the following inclusion rates 335 gm per ton of feed.

**Packaging :- 25 kg (BOPP Bag)**



#### **Composition**

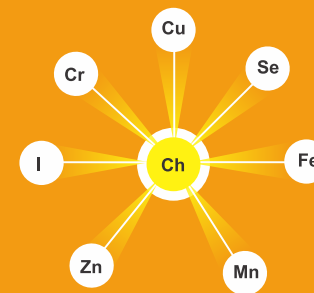
Chlortetracycline Feed Grade  
Equivalent to 150 gm of  
chlortetracycline hcl per 1 kg







**MICROMIN**  
CHELATED



# Organic Trace Minerals

Most animal diets today contain supplement nutrients to promote the health and performance of the animal feeding chelated minerals can be one way of doing this chelated trace minerals In biological systems are usually found to organic molecules in forms that chemists call complexes or chelates A complex is a metal ion that has one or more organic molecules called Ligand bound to it. If the ligand is bound to the metal through two or more atoms a heterocyclicing results & the complex is called a chelate .Nearly all biological trace mineral are found In this form examples are iron in heme cobalt in vitamin B12, copper in blue copper proteins And zinc in many metallo-enzymes. All these chelated minerals bound to carried by amino acids And hydrolysed protein show higher bioavailability and better utilisation compared to the Inorganic minerals. Not only can this improve the health of the animal but it may have other Beneficial side effects as well. A mineral that is better absorbed and utilised shows less pollution of the environment. This helps farms stay with in regulatory compliance and at this same Time less mineral waste may translate into more profit for the farmer. The benefits of organic minerals was less toxic than iron sulfate. since then, other studies have Demonstrated the lower toxicity of organic mineral when compared to inorganic forms. Organic Form of minerals have progressively additives in poultry diets many studies have confirmed That using metal chelates improve birds health and profit. The benefits of organic minerals all Have to do with having a more efficient minerals delivery system. The organic molecule that is Wrapped around the metal ion acts as a shield to protect the mineral

## Indication

- Improves growth, production , fertility , hatchability.
- Improves laying performances.
- Manufactured in an ultra modern plant confirming to world standards and are continuously.
- Monitored in the quality control lab for its purity, efficacy and shelf life.
- Improves growth & increases egg production by providing strenght to bones & muscles.

## Dosage

- Broiler / Breeder / Layer : 500 gm to 1 kg per ton of feed.
- Performance Booster : 300 gm per ton of feed along with inorganic trace minerals.
- Or as recommended by veterinarian.

Presentation :  
1 Kg, 10 Kg, 25 Kg

# ACTIVEBINDER

## Approach to Control Mycotoxins



### Composition:

Treated Hscas | Activated Charcol  
Mannan Oligo Saccharide (MOS) | Organic Acids  
Lipotrapic Acid | Oxine Copper

ACTIVEBINDER is Activated by Suitably Developed Process and Heat Treated to more Suitable for Use in feed / Feed Ingredients  
ACTIVEBINDER Also Absorbs Excess Moisture and thus Prevents Lumps Cake Formation and Improves the Frowability of Sacked Peretized Feed.

### Features:

HSCAS : Specially heat treated and activated HSCAS in ACTIVEBINDER is a high affinity sorbent that virorously binds aflatoxins in feed in its bound state the complexed aflatoxins are no longer bio-available & pass harmlessly through the gut the droppings

MOS : A Revolutionary broad spectrum Toxin Binder which at low inclusion rates offers a stable binding to range of mycontoxins

Activated Charcol: A universal antidote for poisoning at a very low concentration absorbs to toxins including pesticides sprayed on standing crops.

Organic Acid : ACT as mouldinhibitor feed acidifiers and reduces the Ph & Pathogen count in the feed

Oxine Copper : Potent Antifungal

### Direction for Use :

During low risk period @500 Gm/Ton of feed  
During high risk period @1 Kg/Ton of feed

Presentation : 25 Kg (BOPP Bag)

# ACTIVEBINDER



# B-LIVE HS

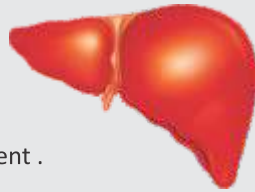
ACTIVATED LIVER PERFORMANCE

We can see that the liver is a very important organ and it responsible for many different functions in a bird. When a bird develops hepatic lipidosis, this means that normal liver cell are gradually being filled with fat (actually large vacuoles of triglyceride fat) these abnormal cells can no longer function to perform the liver's work efficiently, and over time the liver cells may be destroyed. As liver cells die, they are replaced with scar tissue or fibrous connective tissue.

Over time the liver function will be reduced and the bird will start showing signs of liver disease so our company launch B-LIVE HS and it protects liver and important nutritional supplements provided to helpful birds.

## Benefits

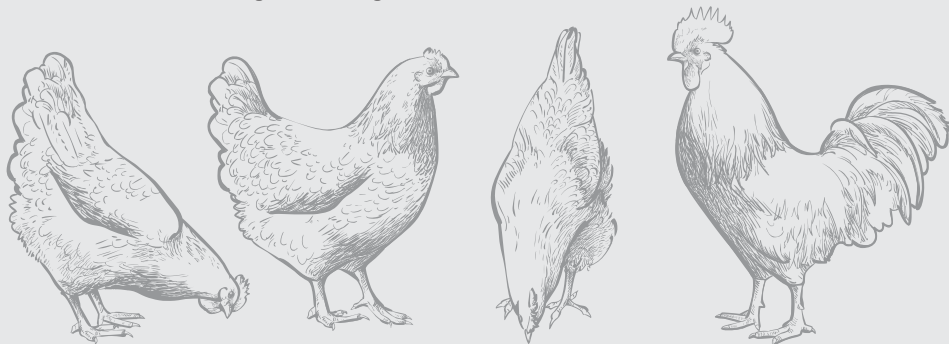
- B-LIVE HS stimulates regeneration of hepatic cells .
- B-LIVE HS effective in fatty liver syndrome .
- B-LIVE HS improves over all liver function .
- B-LIVE HS improves production and hatchability .
- B-LIVE HS during feed toxicity as a supportive treatment .
- B-LIVE HS improves better Wt gain and FCR .
- B-LIVE HS improves egg production .



## Dosage

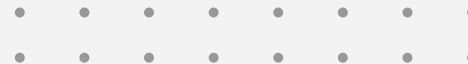
- LAYERS : 250 gms per ton of feed .
- BROILER & BREEDERS: 250 - 500 gms per ton of feed .
- Or as recommended by veterinarian.

**Presentation:** 25 Kg. BOPP Bag



## Composition

Each 1 Kg Contains	
TRICHOLINE CITRATE	40 gm
INOSITOL	10 gm
VITAMIN-B 12	600 mcg
NIACIN	10 mg
SELENIUM	200 mg
CHROMIUM	200 ppm
SPIRULINA	15 gm
DL-METHIONINE	20 gm
LIVER EXTRACT	30 gm
BASE	Q.S.





ACTIVATED LIVER PERFORMANCE

### Composition:

Each 1 Kg. Contains

TRICHOLINE CITRATE	20 gm
INOSITOL	5 gm
VITAMIN-B12	300 mcg
NIACIN	5 gm
SELENIUM	100 mg
DL-METHIONINE	10 gm
LIVER EXTRACT	15 gm
BASE	qs.

### Unique Features

- > B-Live protects liver from toxins
- > B-Live Improves fat metabolism to over come fat deposition in liver
- > B-live has an important role to play in such conditions
- > B-Live helps strengthen liver to efficiently do its job & avoids damage of liver.

### Dosage

LAYERS : 250 gms per ton of feed .

BROILER : 250 - 500 gms per ton of feed .

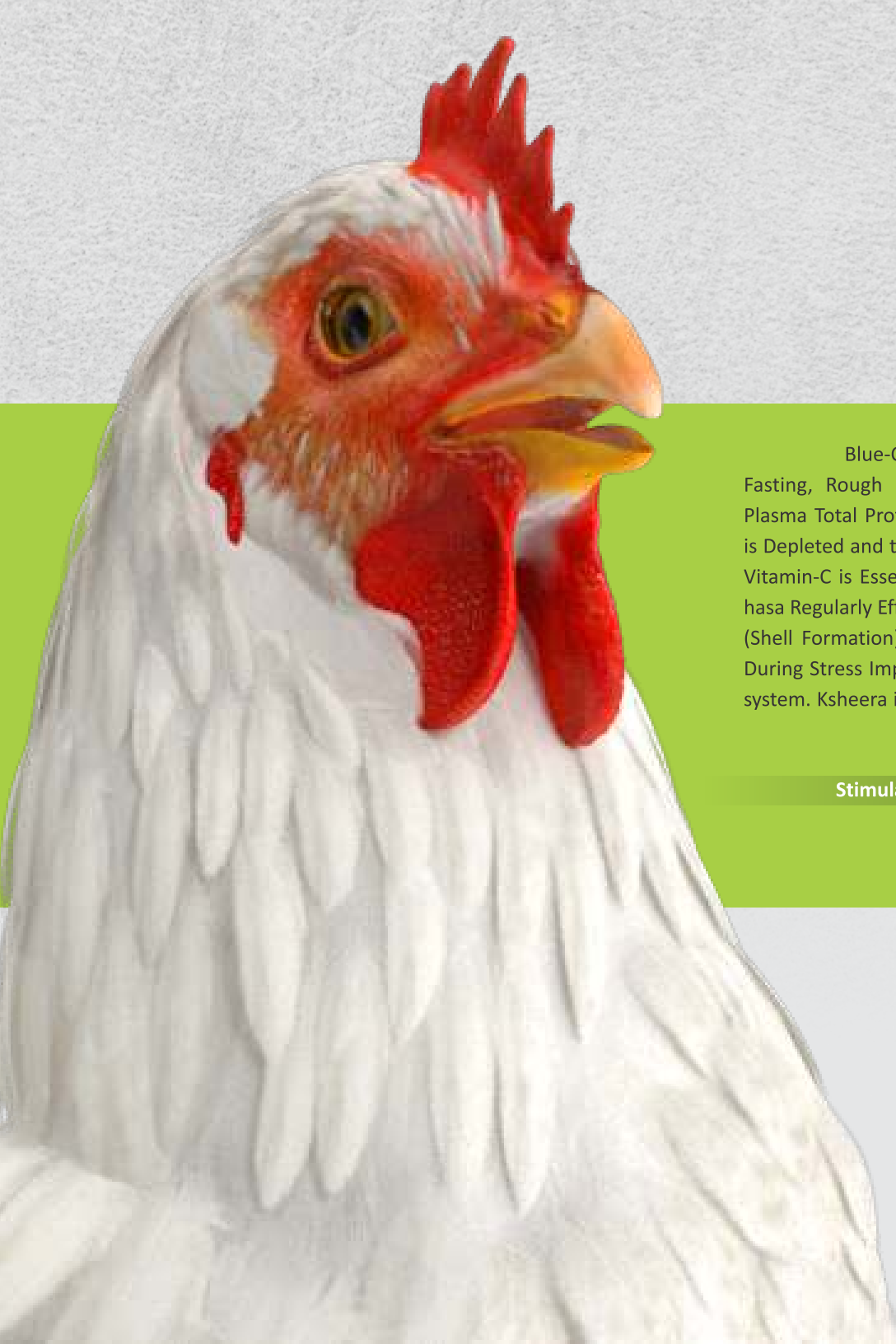
BREEDERS : 0.500 - 1 kg per ton of feed .

### Presentation

25-Kg BOPP bag







Blue-C Alleviates Stress Due to Various Stressors Such as Temperature, Unusual Noises, Fasting, Rough Handling etc. and also Multiple Concurrent Stressors. Blue-C also Improves Plasma Total Protein, Egg Albumen Quality and Hatchability During Stress, The Plasma Vitamins-C is Depleted and this has Deleterious Effect on the Calcium and Phosphorous Balance of the System. Vitamin-C is Essential for the conversion of Vitamin-D3 in to it's Metabolite form, Calcitriol which hasa Regularly Effect on the Absorption, Distribution and Utilization of Calcium, Calcification Process (Shell Formation) and on the Delicate Calcium-Phosphourus Balance. Supplementation of Blue-C During Stress Improves Plasma Ascorbic Acid Levels and Assures required Levels of Calcitriol in the system. Ksheera in Blue-C Increases the Availability of Dietary Phosphorous.

To improve flock health and performance.

Stimulates & Maintains Egg's production when Feed consumption goes down.

Helps Tissue construction and repair.

Useful in Hatchability and Fertility in Breeder.

#### DOSAGE

100 gm Per Ton of Feed.

#### PRESENTAION

1 kg, 10 kg, 25 kg.

Blue-C Provides  
Better Plasma  
Calcium Levels  
Better Egg Production  
Stronger EGG Shells  
Better Strength of Birds.



# Powder for oral administration.



## Composition

Contains per gram powder:  
Coated Vitamin-C ( Ascorbic Acid ) 1000 mg

## Indications

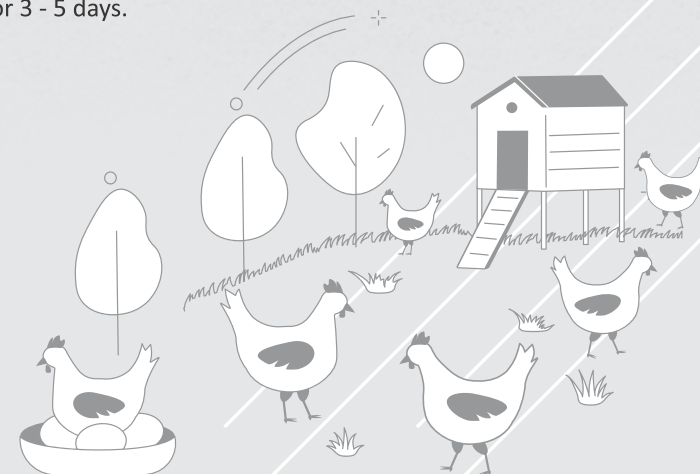
BLUE-C is an essential vitamin for calves, cattle, goats, poultry, sheep and swine. BLUE-C is used for Prevention or treatment of vitamin C deficiencies in farm animals. Prevention or treatment of stress caused by vaccination, diseases, transport, high humidity, high temperature Extreme temperature changes

## Dosage

**Poultry Feed :** 100 g per ton of feed  
For oral administration through drinking water  
**Poultry :** 100 g per 2000 litres of drinking water for 3 - 5 days.  
**Calves, goats and sheep:** 1 g per 200 kg body weight for 3 - 5 days.  
**Cattle:** 1 g per 400 kg body weight for 3 - 5 days.

## PRESENTAION

1 kg, 10 kg







# Vitablue<sup>HD</sup>

Vital Vitamin Premix

Vitablue<sup>HD</sup>  
Layer

Vitablue<sup>HD</sup>  
Broiler

Vitablue<sup>HD</sup>  
Breeder

Ingredients	Each 1000 gm	Each 1000 gm	Each 1000 gm
Vitamin A	12.5 MIU	12.5 MIU	22.5 MIU
Vitamin D3	2.5 MIU	2.5 MIU	4.5 MIU
Vitamin E	8 gm	30 gm	60 gm
Vitamin K3	1 gm	1.5 gm	4 gm
Vitamin B1	1 gm	1.5 gm	4 gm
Vitamin B2	5 gm	5 gm	20 gm
Niacin	12 gm	25 gm	60 gm
Calcium D Pantothenate	8 gm	10 gm	30 gm
Vitamin B6	1.5 gm	2 gm	6 gm
Vitamin B12	16 mg	0.015 mg	30 mg
Folic Acid	1 gm	0.5 gm	4 gm
Biotin	0.05 gm	0.075 gm	0.2 gm
Organic selenium	200 mg	200 mg	200 mg
Anticaking Agent	+	+	+
Antioxidant	+	+	+
Dose (Kg/Ton Feed)	1 Kg	1 Kg	1 Kg

### Benefits :

- ▶ As a supplement for overall improvement in the nutritional status of chicks & birds.
- ▶ Highly stable & bioavailable vitamins.
- ▶ Proper digestion & metabolism.
- ▶ Better growth , increased egg & meat production.
- ▶ Folic acid & vitamin helps in faster recovery of birds.
- ▶ Improves better fertility and hatchability.
- ▶ Biotin important to deal with growth depression, loose feathering and dermatitis.
- ▶ Organic selenium transferred to eggs & meat , so possibility to produce functional foods.
- ▶ To boost the immune system.
- ▶ Synergistic action of biological antioxidants to alleviate stress.
- ▶ Prevents blood spots in egg.



# Butroblue

## Coated sodium butyrate



### Benefits :

1. Sodium butyrate has hydrophilic and lipophilic properties. It can promote the growth of beneficial bacteria and inhibit the growth of harmful bacteria in the gastrointestinal tract. Sodium butyrate is an energy source of enterocyte, which can promote growth of intestinal mucosa. Villus of intestine increase 30%.
2. Sodium butyrate is an energy source of cell differentiation, which can ensure the rapid repair of injured chorion and accelerate proliferation and maturation of gastrointestinal cells.
3. Improve animal immune status.
4. Increase the absorption area of small intestine, promote the absorption of calcium, and stimulate the secretion of digestive enzymes in the gastrointestinal tract and pancreas.
5. Sodium butyrate is a good attractant which can significantly increase feed intake. Regulate intestinal microbiological balance.
6. Sodium butyrate can improve the health and growth performance of animals and increase economic benefits for farmers. It can significantly increase feed intake and reduce PH value of gastrointestinal tract. The effect is obvious that inhibits harmful bacteria and promotes the growth of animal.

### Composition:(Each 1 kg) coated sodium butyrate 30%

Sodium butyrate is a short chain fatty acid that has effects at the molecular, cellular, and tissue level. It has long been known as an inhibitor of histone deacetylases (HDACs). In cells, this alters the expression of a select group of genes containing butyrate response elements and may also involve Sp1/Sp3 binding sites. Sodium butyrate is the product that energy nutrition adjusts technology of intestinal mucosa. It is an energy source of rapid proliferation of intestinal mucosa epithelial cell, activatory lymphocyte etc., which can ensure the rapid repair of injured intestinal mucosa and accelerate proliferation and maturation. It can promote the growth of beneficial bacteria Lactobacillus, bifidobacterium and inhibit the growth of harmful bacteria Coliform in the gastrointestinal tract. In essence, reduce the diarrhea and promote the brood growth rapidly. In addition to its antineoplastic activity, sodium butyrate induces changes in cellular morphology, alters the expression of cellular genes, modulates hormone action and hormone receptors as well as growth factor receptors. Sodium butyrate has also been shown to inhibit the high fat diet-induced mammary tumorigenesis. Additionally, sodium butyrate has been used in preliminary clinical trails to treat certain acute leukemias and stable butyrate derivatives are developed with a view to use these compounds to treat mammary carcinoma.



### Productivity improvements

1. Better feed conversion.
2. Epithelial surfaces enlarged.
3. Better egg quality.
4. Higher egg quantity.
5. Enhanced feed digestibility

### Health improvements

1. Pathogen control.
2. Salmonella control.
3. Beneficial gut microbiota.
4. Better carcass state.

### Dosage:

Broilers: 150 500 gm per ton of feed.  
Layer: 100 300 gm per ton of feed.  
Breeder: 150 - 500 gm per ton of feed.

Presentation : 10 Kg. BOPP Bag





# OCIDBLUE

A UNIQUE FEED ACIDIFIER

## Composition:

**Propionic Acid | Benzoic Acid | Sorbic Acid | Acetic Acid | B-Glucan | Essential Oils**

OCIDBLUE is a unique product in which the acidifying and acidity regulating And acidity regulating action of propionic acid is combined with bactericidal Effects of benzoic acid and sorbic acid . The synergetic association of organic Acids gives ocidblue the advantage of having bactericidal properties comparable to AGP ( Antibiotic growth promoters ) besides having all the virtues of an ideal feed acidifier . It is able to reduce the formation of ammonia at digestive level, thanks to its excellent antiurease power on inhibiting the action of the urease enzyme. Also its surface-active effect acts on feed fats enabling their Absorption.

## Benefits

- > Improves feed conversion ration and increases weight gain .
- > Synergic effect of the efficiency of the antibiotics .
- > Forms an antibacterial barrier in the stomach region by favoring the acid pH Level .
- > Regulate stomach to intestine digestion rate and controls the propagation of Intestinal flore especially in reference to enterobacteria and clostridia ,& thus Preventing these types of bacteria from entering the circulatory system .
- > Improves utilization of trace elements due to their chelatation .
- > Lower gut ph results in increased size of villi helps better absorption and utilization of nutrients

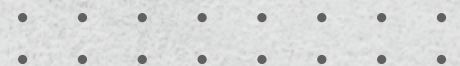
# OCIDBLUE

## Dosage

500 - 1000 gm per ton of feed

## Presentation

1Kg, 10 Kg, 25 Kg







# OVI CARE

Enhance Egg Production  
with Longer Peaks



**Ovicare comprises adequate quantities of : Vitamin-E, Chromium, Yeast complex, Special selective herbs & Chelated minerals in a suitable proportions.**

In commercial poultry industry high energy yielding ingredients fat and oils are added. Oil is added as it is relatively cheap source of energy than carbohydrates sources. This gives better FCR in broiler and enhanced productivity in layers and breeders as we know younger birds utilize fat poorly due to less bile salt production so emulsifier from outside source is needed

## **Regular administration of Ovicare helps to:**

- Improves egg production to its maximum.
- Maintains peak for a longer time.
- Improves the egg size and the quality of eggs.
- Improves health, FCR and returns.

## **Major function of Ovicare are :**

- Enhances insulin function and optimizes reproduction cycle for daily improved egg production.
- Stimulates ovaries and helps for an uninterrupted ovulation for optimum laying performance
- Improves the content of yolk & albumin in the egg
- For optimally sized eggs.
- Helps for more strong shells than normal shell of eggs.
- Improves the digestion and absorption of nutrients

### **Breeders :**

1 kg / ton of feed  
on regular basis

### **Commercial Layers :**

500 grams / ton of feed  
on regular basis

**Packaging :** 10 kg







Tiamulin  
Hydrogen  
Fumarate

**COMPOSITION** Each 1 kg contains:  
Tiamulin Hydrogen Fumarate 100 g  
Carrier up to 1 kg

## DESCRIPTION / ACTIVITY

Its action is an antibacterial drug that has shown activity against avian mycoplasma.

## INDICATIONS

Temiblue-10% for prevention and control of Mycoplasmal infection (enzootic pneumonia, chronic respiratory disease) in chickens. Temiblue-10% does not affect directly *Escherichia coli*, but exhibits an anti-adhesive effect, which facilitates the action of other antibiotics.

## PRECAUTIONS

1. Do not administer Temiblue 10% simultaneously or within 10 days of pre / post medication with Monesin / Narasin / Salinomycin
2. Feed administration : Blend Temiblue 10% with vitamins / mineral mixture before adding to the final feed.
3. Water Administration : Transfer required quantity of Temiblue 10% in a bucket & add approx 2 ltr. (½ gallon) of drinking water, then stir until completely dissolved

## DOSAGE

**For Layers/Breeders:** 500g of Temiblue-10% premix per metric tonne of feed (50 ppm) for a week in a month through out the laying period.

**For Broilers:** 300g of Temiblue-10% premix per metric tonne of feed (30 ppm) for a period of 3-5 weeks

**For improved performance and egg production:** 100g-200g of Temiblue-10% premix per metric tonne of feed (10-20 ppm)

or as recommended by consultant.





# Bluezyme

## COMPOSITION:

Each 1 kg Contains

Cellulase.....	180,000,000 u
Amylase.....	1,25,000 u
Xylanase.....	1,800,000 u
Phytase.....	200,000 u
Protease.....	16,000 u
Lipase.....	40,000 u
Pectinase.....	7,000 u

Bluezyme is an optimum blend of above mentioned enzymes for improvement of Digestibility of vegetable feeds for poultry. Bluezyme is used to aid normal Digestion increasing the energy availability and to hydrolyse non-starch Polysaccharide.

## BLUEZYME ACTION OF DIFFERENT ENZYMES :

**Cellulase** Degrades cellulose fiber exposing dietary nutrients act on fibre and Helps in its digestion & thereby reduces the viscosity and subsequent diarrhoea.

**Amylase** Breaks down starch into simple sugars to yield energy.

**Xylanase** Breaks down the insoluble NSP hemicellulose found in cereals and Grains deoiled rice bran, wheat and sunflower cake and releases sugars to be Used as source of energy it also reduces the viscosity of digesta by attacking the long chain arabinoxylans and there by prevents loose droppings.

**Phytase** Releases phytate bound phosphorus & increases its availability in diet.

**Protease** Breaks proteins to peptides and amino acids.

**Lipase** Act on lipids fats oils and breaks them into smaller chain fatty acids and Glycerols for better utilisation by the body.

**Pectinase** Breaks down pectins and improves overall diet digestibility.

INGREDIENT	TOTAL NSPS%
Corn	12.4
Wheat	15.1
Jowar	9.5
Bajra	8.0
Rice Polish	8.7
Rice Kani	14.4
Durd	27.1
Ground Cake	16.7
Do-Ground Cake	18.6
Soyabean Meal	23.8
Sunflower Extract	36.7
Rapeseed Extract	36.2

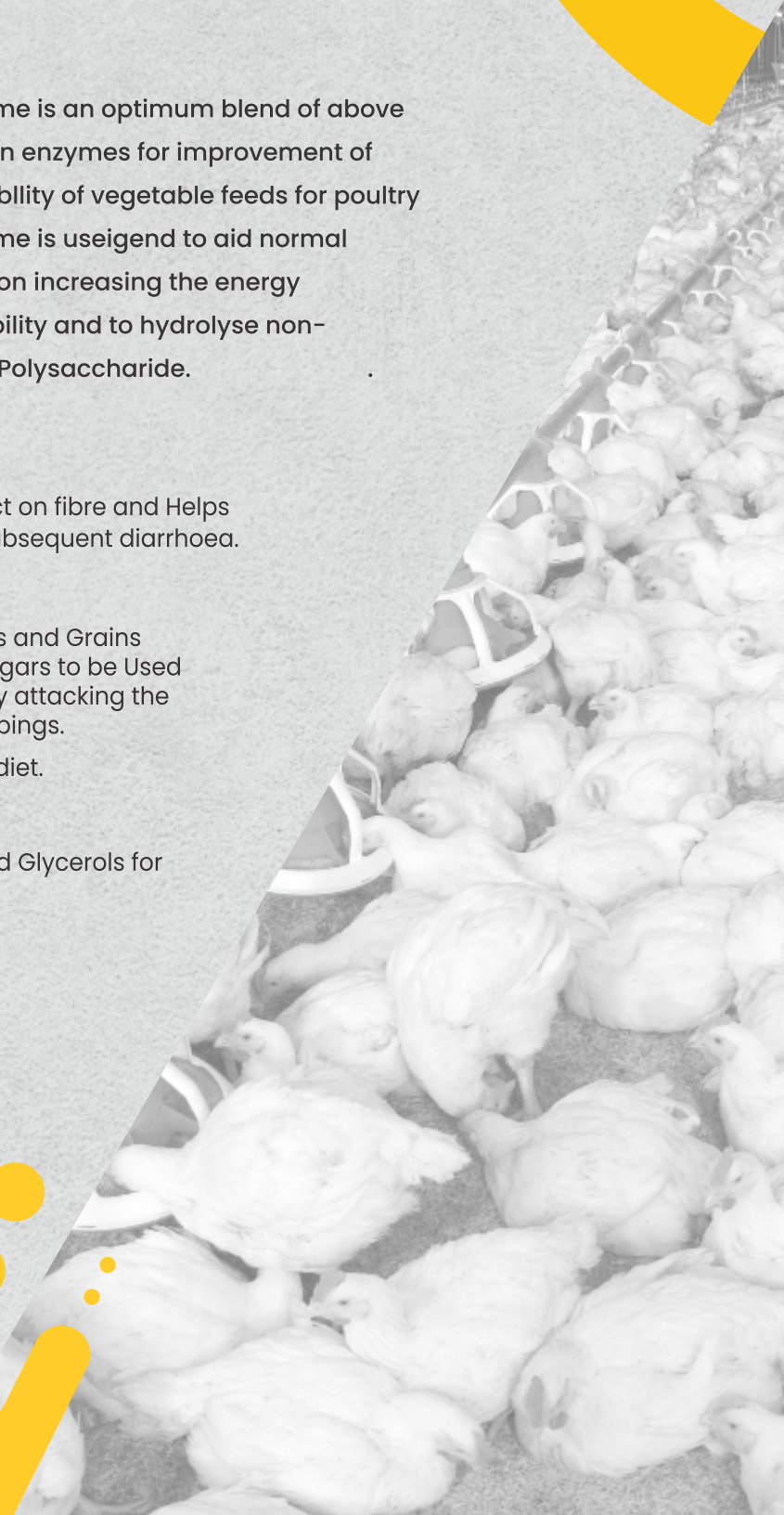
SOURCE : Technical evaluation of feed groups used by The Indian Industry

## DOSAGE

350 - 500 gms per ton of feed .  
or as recommended by  
veterinarian

## PRESENTATION

25 Kg BOPP Bag







## Composition (Each 1 Kg.) L-Threonine 98.5%

Poultry is under increasing pressure to lower production cost and reduce waste of products. Amino Acids have recognized the significant role Amino Acid can play in lowering feed costs when using them to Precision feed. Excess crude protein is significantly reduced.

The current trend to lower nitrogen excretion is forcing our industries to look for ways to minimize the feeding to excess of crude protein in poultry feeds while still maintaining adequate levels of Amino Acids to optimize Performance.

Dietary L-Threonine Supply is essential for Adequate gut function.

- L-Threonine is involved in digestion and immunity functions.
- A significant part of L-Threonine intake is used by the gut itself and for the synthesis of endogenous secretions.
- A deficiency in dietary L-Threonine leads to a decrease in protein synthesis in the gut and in muscles.
- Sanitary status and animal environmental conditions are factors of variation of the Thr:Lys requirement.
- L-Threonine is an Amino Acid of primary importance for gut functions.
- Impact of a dietary L-Threonine deficiency on poultry growth & protein synthesis.
- Practical implications of L-Threonine biological functions.
- This practical formulation exercise confirmed the position of L-Threonine as a limiting Amino Acid in corn & soya based diets. L-Threonine supplementation helps achieve better formulations.
- L-Threonine 100% digestibility for poultry.
- Poultry nutritionists are now able to formulate on at least the first five limiting Amino Acids and to reduce dietary crude protein level through Amino Acid supplementation. L-Threonine supplementation is a powerful tool in optimizing vegetable poultry feed formulation.

### Dosage :

Thr : Lys ratios 65% per ton of feed  
or as recommended by veterinarian

**Presentation : 25 kg BOPP Bag**



**Bluethero-L**



# Mithoblue-DLM

FEED SUPPLEMENT

## COMPOSITION

DL-methionine Hydroxy Analogue

Minimum.....88%

Qs.....12%

Methionine Activity, Minimum.....88%

## NUTRIENT VALUES

- Methionine activity: 88% in all species
- Effective crude protein value:  
57.1% in aqua, poultry
- Apparent metabolizable energy:  
4,205 kcal/kg in aqua, poultry

## DOSAGE

Feed continuously as a component of a complete ration.

### Broilers:

0.20-0.35% of complete feed

### Layers:

0.10-0.20% of complete feed

## Overview

MITHOBLUE-DLM feed supplement is very cost effective and provides many additional benefits beyond methionine:

- MITHOBLUE-DLM has 100 percent equivalency to DL-methionine.
- Optimized performance during stress and high growth demands.
- Liquid form means better blending and handling characteristics.
- Benefits of acidification.

## Product Description

MITHOBLUE-DLM is an 88 percent active source of methionine activity in livestock. In addition to proven performance, MITHOBLUE-DLM has benefits beyond methionine.

As feed ingredient prices exhibit greater volatility and resources become scarcer, formulating to meet amino acids

(AA) requirements with a methionine source from Blue Cross Animal Healthcare Pvt. Ltd. helps to optimize rations and get the most out of feed ingredients.

MITHOBLUE-DLM has 88% activity by weight and is 100 percent bioavailable. MITHOBLUE-DLM feed supplement is proven to be an effective source of methionine activity without the appetite suppression experienced when feeding DL-methionine. In addition to proven performance, MITHOBLUE-DLM delivers an organic acid effect, reduces nitrogen excretions and supports performance during heat stress. All methionine sources are not created equal. The forms and types of amino acids available commercially vary not only in their methionine density, but also in uptake and response in the target animal. Bio availability has a major bearing on the overall nutritional value of the amino acid product used. Feeding MITHOBLUE-DLM feed supplement in livestock and poultry rations as a methionine source has been

shown to: **Optimize Growth Rates - Reduce Condemnation Rates - Optimize Meat Yield**

METHIONINE  
Hydroxy  
Analogue



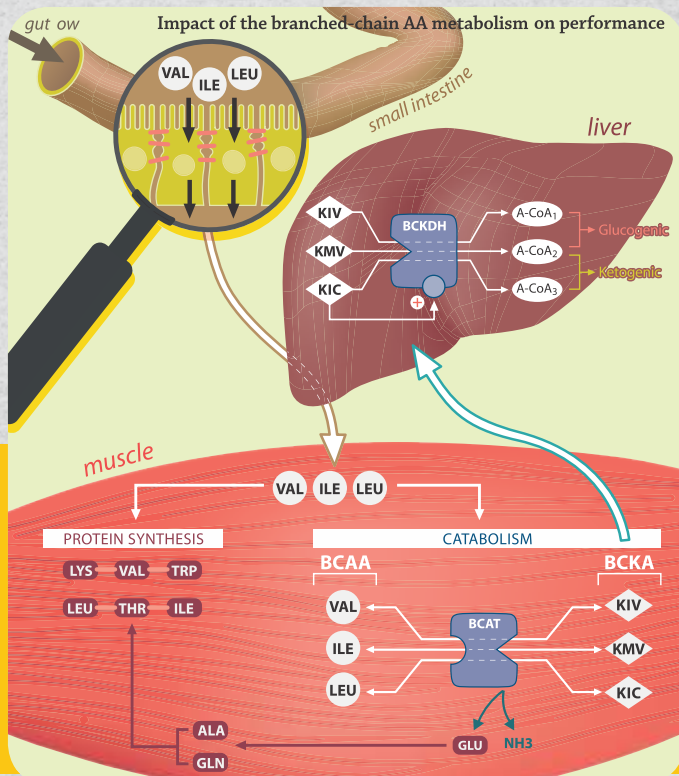
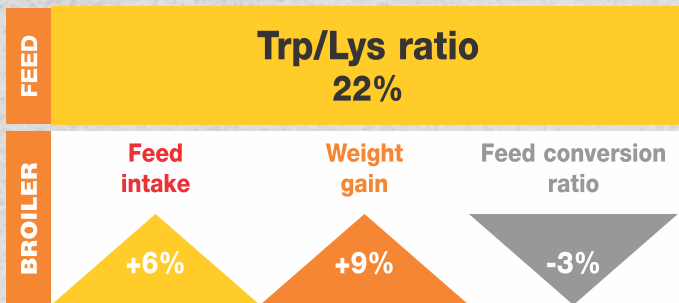


# extremetrypto-L

Fourth Generation Amino Acid

**Composition:** Each 1 kg. :

L-Tryptophan.....98%



Tryptophan is an essential amino acid which is the fourth limiting amino acid in World for poultry. The determination of Tryptophan requirement is essential to optimise growth particularly in poultry where the amino acid requirement are maximum and where protein content of the diet should be reduced as much as possible. As well as its role in protein deposition, tryptophan is implicated in various metabolic pathway such as the production of the neurohormones serotonin and melatonin which are involved in appetite regulation. Additionally, Tryptophan metabolism is also implicated with the immune response. This diversity of Tryptophan metabolism pathway deserves particular attention in assessing the Tryptophan requirement and its factor of variation in poultry.

## Higher feed intake

Maximizing feed intake is a practical challenge, especially in broiler and layer. At both physiological stages, supplementing a deficient diet with Tryptophan has been proven to enhance feed intake. This effect is related to the fact that this amino acid is involved in appetite regulation in poultry.

## Higher Growth rate and feed efficiency

Tryptophan supplementation aims at provide the nutritional requirement of the poultry. Recent trails have shown that a dietary tryptophan : lysine (Trp:Lys) ratio of 22% optimizes. poultry performance. High body weight gain and feed efficiency levels result from the combination of higher feed intake and improved dietary amino acid balance (ideal protein)

## Performance under poor conditions

Tryptophan is also involved in the immune response. The activation of the immune system may create a specific requirement. Experiments comparing good and poor environments have shown that the increase in feed intake and growth rate obtained with higher dietary tryptophan contents is higher in a poor environment. These result emphasize of upgrading Trp:Lys Levels to 22% in practical farming conditions.

## DOSAGE :

Trp/Lys Ratio 22% per ton of feed or as recommended by the veterinarian.

**PRESENTATION : 10 KG.**

**" The genetic improvement in broiler continuously challenges the nutritional requirement of poultry. Knowing the optimum values to reach the genetic potential is a prerequisite of designing a diet. Making the choice on the dietary L-tryptophan level associated with usual amino acid profile allows to reach the best performance."**





A natural  
organic  
calcium &  
phosphorus  
from bone with Vit-D3

- Composition** Each 10 g contains:
- Microcrystalline Hydroxyapatite Complex (MCHC) equivalent to
  - Calcium: 330 mg
  - Phosphorus: 150 mg
  - Vitamin D3 (when packed): 1000 IU

### Features

- Natural Organic Calcium from bone
- Highest Absorption (60 % - 70 %)
- Ca & P in ideal physiological ratio of 2:1
- Vit-D3 synthesises calcium Binding Proteins

### Benefits

- Improves milk quantity and milk fat percentage
- Improves strength of musculoskeletal system
- Improves the health of pregnant animals
- Minimises incidence of calcium deficiency disorders
- Improves Hatchability
- Better Egg shell formation
- Ensure better growth
- Better Production

### Administration

- **Poultry** : 1 kg. - 2 kg. per ton of feed
- **Cattle & Horses** : 30 g - 50 g daily
- **Aqua** : 1 kg. - 2 kg. per ton of feed
- **Sheep, Goats & Pigs** : 10 g
- **Dogs & Cats** : 5 g - 10 g To be given daily for 10 days continuously in a month or as directed by the Veterinarian

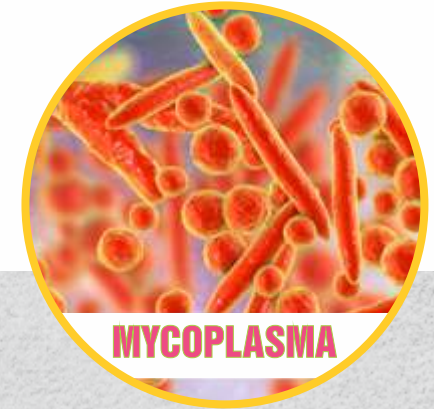
**Packaging:** • 25 Kg BOPP Bag





# Tyloblue 10% Premix

**Composition:**  
Each 1 kg content  
Tylosin phosphate: 100 gms  
Carrier : Q.S



A unique choice which effectively prevents mycoplasma infections in poultry caused by mycoplasma gallisepticum and mycoplasma synoviae.

### Benefits:

- Prevention of vertical transmission of mycoplasma
- Superior egg quality • Increases egg production • Superior chicken quality
- Increases hatchability • Superior feed efficiency

### Dosage:

#### Layers:

500 gm per ton of finished feed (50 ppm) from the point of lay till 42nd week, 200 gm per ton of finished feed (20 ppm) from 43rd week to culling

#### Broilers:

200 gm per ton of finished feed (20 ppm) from day 1st till 45th day

#### Breeders:

500 gm per ton of finished feed (50 ppm) from point of lay to culling  
Or as recommended by veterinarian

**Presentation : 10 kg**

**PREVENTION**  
of vertical transmission of  
**MYCOPLASMA**







# BLUE-E SEB 50 Premixes

## COMPOSITION

Feed Mix : Each 100 gms

Vitamin -E 50 g

Selenium 50 mg

Boitin 100 mcg

## DOSAGE

Broilers / Layers: 200gm / ton of feed

Breeders : 500gm to 1 kg. ton of feed

## USAGE

- > To treat crazy chick disease, exudative diathesis, muscular dystrophy.
- > For immune potentiating against various viral disease, coccidiosis and also post vaccination.
- > Overcome to stress of deworming, vaccination and debeaking.
- > To build up general resistance.
- > To improve fertility and hatchability
- > To reduce subclinical and clinical infection.



# MICROMIN PRO

## TRACE MINERAL PREMIX

### Each 1 kg Contains

Copper (Cu)	15.00 gm
Iodine (I)	1.75 gm
Iron (Fe)	75.00 gm
Manganese (Mn)	95.00 gm
Selenium (Se)	0.32 gm
Zinc (Zn)	80.00 gm
Antioxidant	Added
Anticaking agent	Added
Organic Ca & P	Added
Matrix Elements	Added

for completed value of  
formulation

### Benefits :

- Regular supplementations of MICROMIN-PRO help to maintain healthy growth & higher productivity.
- To provide a balanced combination of nutrients.
- Improves body resistance and ensures good health as well as peak egg production.
- Manufactured in an ultra modern plant confirming to world standards and are continuously monitored in the quality control lab for its purity, efficacy and shelf life.
- Improves growth & increases egg production by providing strenght to bones & muscles.
- improves growth, production, fertility, hatchability.

### Recommended Inclusion:

1kg/MT of feed Or as advised by the  
nutritionist (veterinary doctor)



HIGH QUALITY **Essential**  
**Trace Minerals**

# MYCOBLUE PRO

## Each 1 kg contain:

Monmorillonite & Clinoptilolite.....	775 gm
Surfactant.....	50 gm
Mono Di-calcium Phosphate.....	22 gm
Glutathione.....	10 gm
Pracursors.....	18 gm
Enzymatic Activiter.....	25 gm
Biological Antifungal Agents (1%).....	20 gm
Mos.....	40 gm
Betaglucans.....	05 gm
Calcium Propionate.....	10 gm
Sodium Butyrate.....	25 gm
Matrix Elements Added For Completed Value of Formulation	

## Recommended Inclusion:

0.500kg to 1 kg/MT of feed Or as advised  
by the nutritionist (veterinary doctor)



## Benefits :

- > Dose not bind essential nutrients.
- > Protects intestinal mucosa from damaging effects of mycotoxins.
- > Improves immune function.
- > Binds Aflatoxin, T2-Toxin, Zearalenone, Ochratoxins, Fumonisin, Act in addition to that It can absorb Ammonia, chlorine and other toxicants.
- > To maintain growth, FCR, Egg production, livability, hatchability and immunocompetance.
- > Improves overall performance.
- > Has greater surface area for action.
- > Competitive exclusion of enteroinvasive and entrotoxic becterial pathogens from the gut of bird
- > Improves flow property of feed.
- > Reduces toxic effects of pre-absobed toxins in liver with the help of natural antioxidants.
- > Effective at low inclusion levels.

**Approach  
to control  
MYCOTOXINS  
DEACTIVATORS**







## Bluecross Animal Healthcare Pvt. Ltd.

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