

# VARAH POULTRY

80-C, U.P.S.I.D.C., Pilakhni, Distt., Saharanpur (U.P.) 247232 Website: www.varahvet.com, Email: varahvet@gmail.com Customer Care: +91-8445423668







### **OUR PRODUCTS RANGE FOR POULTRY DIVISION**

S.No.	PRODUCT NAME	PRESENTATION	100111	Page No.
1	<b>W</b> ater Acidifier	500 ml., 1 Litre & 5 Litre		1
2	Cocci	500 ml., 1 Litre & 5 Litre	The Cost of Co	2
3	Anti Diarrhoeal	500 ml., 1 Litre & 5 Litre	Tool Garden	3
4	Growth Promoter	500 ml., 1 Litre & 5 Litre	Total Francis	4
5	Haematinic	500 ml., 1 Litre & 5 Litre	Ifiematitic	5
6	<b>L</b> iver & Growth Supplement	500 ml., 1 Litre & 5 Litre		6
7	Liver Tonic	500 ml., 1 Litre & 5 Litre	A THE SECOND SEC	7
8	Natural Disinfectant	500 ml., 1 Litre & 5 Litre		8
9	<b>V</b> itamin-C	500 ml., 1 Litre & 5 Litre	Village Control	9
10	Respiratory Disinfection & Solution	500 ml., 1 Litre & 5 Litre		10
11	Vit. E & Sel. Supplement	500 ml., 1 Litre & 5 Litre		11
12	<b>Emmunity Modulator</b>	500 ml., 1 Litre & 5 Litre		12
13	Cal. & Pho. Supplement	500 ml., 1 Litre & 5 Litre		13
14	Gout & Kidney Acidifier	500 ml., 1 Litre & 5 Litre		14
15	Water Soluble Vitamin	500 ml., 1 Litre & 5 Litre		15
16	Vit. E & Sel. Supplement	500 ml., 1 Litre & 5 Litre		16

# Water Acidifier



#### **High Performing Acidifier**

Water Acidifier is a liquid blend of organic acids. It is a synergistic combination of different organic acids, specifically developed for mixing with feeds or making a blend with drinking water to effectively reduce microbial load. Supplementation of acids to feed or drinking water reduces the pH & bacterial counts. Acidifiers help to effectively control salmonella & other gram negative bacteria. They decrease overall bacterial loads in feed/water & in the gut of the animal & thus ensure optimum health & performance.

#### Composition

Each 1000 ml contains

Citric acid (98%) 160 gms
Formic acid (98%) 150 gms
Lactic acid (90%) 60 gms
Propionic acid (98%) 160 gms
DM water Upto 1 liters

#### **Advantages**

- •Used to reduce intestinal pH
- Targetted reduction of harmful bacteria & fungus.
- Long term control of Salmonella, E.coli & other harmful bacteria.
- •Supports optimum performance and plays a significant role in growth.
- Favours optimal enzymatic activity.

#### Dosage: Feed

Broilers & Layers 500 ml to 1 litre/ton of feed
Breeder 1 litre to 1.5 litre/ton of feed
Mix the volume with 5-15 litres of water & sprinkle
on feed for uniform mixing

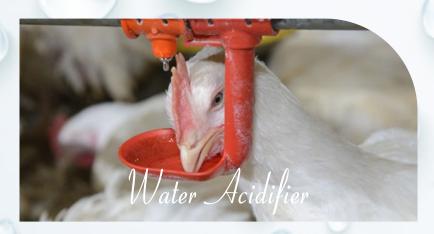
Drinking water 0.25-0.5ml in 1ltr of drinking water

### Mechanism of Action

Lactic acid & propionic acid used in Water Acidifier improves egg shell quality & lowers the pH value, & makes the gut less hospitable to bacteria.

Formic acid present in Water Acidifier improves nutrient digestibility & controls harmful bacteria in gut & also improves the digestion of proteins.

Citric acid present in Water Acidifier reduces the pH in the gastrointestinal tract & favours optimal enzymatic activity.





PRESENTATION 500 ml., 1 Litre & 5 Litre





#### **Sustainable Coccidiosis Management**

#### The Problem:

Coccidiosis continues to be one of the major parasitic diseases of the intestinal tract of the animals. Coccidiosis in poultry is caused by the protozoan parasite of the genus Eimeria. Coccidiosis causes major economic losses through increased mortality & reduced growth. In order to control coccidiosis in poultry, coccidial vaccination, in drinking water & in feed supplementation of anti-coccidial products are commonly used. Long term use of these conventional chemical anticoccidial products have led to the development of resistant coccidial species. It is likely that in near future the conventional anticoccidial drugs will be banned. Again owing to their side effects and safety issues they are under scanner from the researchers. Thus there is an urgent need for alternative agents to control coccidiosis in poultry.

#### The Solution:

- Cocci is an alternative, integrated and a novel biocontrol approach to control coccidiosis and to maintain a healthy Gut in poultry.
- It combines the traditionally used phytoextracts with probiotics & vitamins.

#### **Composition:**

Each 1 Litre Contains

Vitamin A 50,00000 I.U

Vitamin K 10 gm

Mannan Oligosaccharides (MOS) 300 gm

Fructo Oligosaccharides (FOS) 100 gm

Excipients q.s

### Fortified with Herbal Extracts

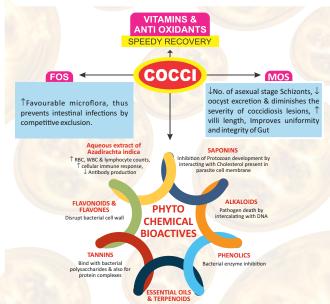
#### **Advantages**

- Effective prevention against coccidosis.
- •For prevention of secondary bacterial infections.
- Protection against necrotic enteritis.
- •Help in repair of damaged epithelia.
- Acts as immuno-modulator.

#### Dosage:

Prevention: 10 ml/100 birds

Treatment: 30 ml/100 birds for 3-5 days twice daily or as per the directions of the veterinarian









### Anti Diarrhoeal



#### **Natural Anti-Diarrhoeal**

Diarrhea and Dysentery of various aetiology. Adjuvant therapy in infective diarrhea. To maintain healthy gut-microflora.

Diarrhea is a common condition in farm animals. It may be acute, subacute or chronic. It may be pathological or non-pathological in origin.

The loss of fluids through diarrhea can cause dehydration and electrolyte disturbances such as potassium deficiency or other salt imbalance. In acute & in sub acute forms it often proves fatal, so under field conditions, usually the first priority is to control diarrhea non-specifically & symptomatically, until the actual cause or etiology of diarrhea is determined or established & a proper line of treatment is started. Anti Diarrhoeal is a proven, potent, & efficient, gut stabilizer & anti-diarrheal. Being a phytopharmaceutical product, it is a combination of many herbs. The active ingredients in these herbs & their pharmacological actions are well documented & well researched.

#### **Composition:**

Each 100 ml. contains water extractives derived from the following herbs:

Punica granatum 5 gms.

Aegle marmelos 5 gms.

Holarrhena antidysenterica 5 gms.

Salmalia malabarica 5 gms.

Calotropis procera 5 gms.

Helicteres isora 2 gms.

Woodfordia fruticosa 5 gms.

#### **Advantages**

- Checks diarrhea effectively & maintains electrolytic balance.
- •Minimizes the loss of water & nutrients.
- •Repairs the damaged G. I. mucosa.
- Provides healthy environment for microflora.

#### **Dosage**

Chicks 10 ml/100 birds/day Growers/Finishers 15 ml/100 birds/day Layers/Breeders 20 ml/100 birds/day









### Growth Promoter

#### **Optimum Growth Promotor**



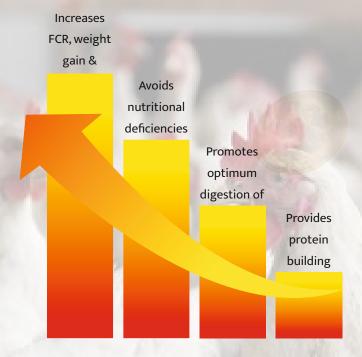
Each 1 Litre Contains

Soya Protein Hydrolysate 180,000 mg Vitamin A 3,750,000 IU Vitamin D3 750,000 IU Vitamin E 750 mg Vitamin K3 250 mg Nicotinic Acid 2,500 mg Folic Acid 75 mg (\*as mixture of L-Amino Acids) 50,000 mg **D-Calcium Panthothenate** 1,250 mg **Thiamine** 500 mg Riboflavin 375 mg Pyridoxine 375 mg **Biotin** 12.5 mg Choline Chloride 1875 mg Methyl Paraben (as Preservative) 1800 mg

#### Dosage:

Chicks 5 ml/100 birds/day Growers/Finishers 7 ml/100 birds/day Layers/Breeders 10 ml/100 birds/day

Propyl Paraben (as Preservative) 200 mg



- Optimum vitamins & amino acids
- **Optimum FCR & Growth**

Contains all important ingredients like protein hydrolysate, vitamins, mixture of L-amino acids, which are required for optimum growth.

#### **Advantages**

- •Help in maintaining high health status & optimum growth of broilers & layers.
- Prevents nutritional deficiency diseases.
- •Alleviates stress due to change in feed or high production.





### Laematinic



#### **To Control Anemia & Improve Health**

#### Function of individual components:

Haematinic contains iron in the form of Ferrous Gluconate, a macro-element required in trace quantity. Iron is essential for growth and increased rate of Erythropoiesis Iron deficiency increases the erythrocyte fragility, thereby shortening their life span and thus increased removal of RBC from circulation.

- Haematinic contains Vitamin B12 (Cyanocobalamin), deficiency of which causes dietary anaemia, loss of condition and muscular weakness.
- Haematinic contains Vitamin B6 (pyridoxine) is required for the synthesis of several neurotransmitters, chemicals that carry signals from one nerve cell to another. It is needed for normal brain development & functions.
- It absorbs vitamin B12 and makes red blood cells and cells of the immune system.

upto 5 ml

• Yeast extracts present in Haematinic boosts the immune system and kills the bacteria and other microbial infections. It is directly responsible for the prevention of anaemia.

#### Composition

•	
Each 5 ml contains	
Ferrous gluconate	110 mg
Folic Acid	15 mg
Vitamin B12	15 mcg
Cobalt sulpheate	10 mg
Vitamin B6	5 mg
Yeast Extract	100 mg
Choline chloride	100 mg
L-lysine	50 mg
Withania somnifera	30 mg

#### **Advantages**

Purified water

- Prevents and cures various anaemic conditions like Thumps, Pernicious anaemia.
- Alleviates blood loss and stress.

#### Dosage:

Chicks 10 ml/100 birds twice a day Growers/Finishers 20 ml/100 birds twice a day Layers/Breeders 50 ml/100 birds twice a day







#### Salient features:

Haematinic is essential for growth, Erythropoiesis and to activate coagulation factor.

Haematinic plays improvement role in carbohydrate, fat & protein metabolism.

Haematinic helps in neuronal membrane synthesis & integrity.

Haematinic is essential for synthesis of principal neurotransmitter i.e. acetyl choline.

Haematinic controls iron deficiencies syndrome and improves haemoglobin levels.







### iver & Growth Supplement

#### The Ultimate Solution for Liver & Growth Promotion

#### Fatty Liver Kidney Syndrome

Lipid infiltration into Liver Hypoglycemia No Gluconeogenesis Mortality

#### Fatty Liver Haemorrhagic Syndrome

Sudden Drop in Egg Production
Sudden Death
Pale Head Skin
Blood Clots in Abdomen Excessive Fat
in Liver



#### **Common Malfunctions**

Low Feed Intake
More Toxicity Symptoms
Maldigestion & Malabsorption
Decreased FCR & Weight Gain
Decreased Egg Production Low Bile
Secretions

### **Liver Malfunction**

#### **Composition:**

Each 10 ml. contains Liver Extract 180 mg **Tricholine Citrate** 1500 mg Inositol 10 mg Niacin 24 mg Vitamin B12 5 mcg **Biotin** 7 mcg Protein Hydrolysate 100 mg Yeast Extract 40 mg Methionine 70 mg Lysine 80 mg Manganese 7 mg Zinc 4 mg Copper 3 mg Vitamin E 20 mg Selenium 7 mcg

#### **Advantages**

- •Rejuvenates Liver health.
- •It improves growth, FCR & production performances.
- •It optimizes digestion & nutrient utilization.

#### Dosage:

Chicks 5 ml/100 birds/day Growers/Finishers 10 ml/100 birds/day Layers/Breeders 20 ml/100 birds/day

#### -Healthy Liver Guarantees Healthy Birds









Yeast Extract Liver extract



Base enriched with liver Stimulants

PRESENTATION
500 ml., 1 Litre & 5 Litre

Liver & Growth Sup

q.s







#### **High Performing Herbal Liver Tonic**



#### Composition

Each 100 ml contains aqueous extract of: Andrographis paniculata 4 gms Tephrosia purpurea 3 gms Fumaria vaillanti 2 gms Boerhaavia diffusa 4 gms Solanum nigrum 4 gms Eclipta alba 2 gms Terminalia chebula 3 gms Terminalia bellirica 3 gms Embilica officinalis 3 gms Trachyspermum ammi 1 gm Zingiber officinale 1 gm

#### **Advantages**

- •Acts as a hepatoprotective in aflatoxicosis, drug toxicity & other toxins.
- •Rejuvenates damaged liver tissue.
- •Improves FCR, growth, performance & production of eggs.
- •Strengthens sluggish liver during debility, convalescence & anorexia.

#### **Dosage**

Chicks	5 ml/100 birds/day
Grower/Finishers	15 ml/100 birds/day
Layers/Breeders	20 ml/100 birds/day







# Natural Disinfectant

#### Natural, Safe & Sustainable Disinfection

Natural Disinfectant is a novel geen disinfectant fortified with green emulsifiers. Natural Disinfectant is a unique grade 1 disinfectant as it qualifies Rideal walker coefficient & staphylococcal coefficient specified by Bureau of Indian standards. Natural Disinfectant, not only removes the microbial load but provides round the clock safety. Natural Disinfectant guarantees safe, secure & sustainable disinfection, so go natural, go Natural Disinfectant.

Natural Disinfectant attenuates the commonly found viruses in the environment like avian influenza virus. Natural Disinfectant inhibits viral protein translation and blacks the virulence expression by the viruses.

Natural Disinfectant has sporocidal activity too and does not permit spore formation from vegetative forms. Natural Disinfectant destroys the already formed spores and impairs with spore germination. Natural Disinfectant destroys the cortical protection of spores and makes pores in the spore membrane and causes their destruction.

#### **USED AT**

#### **FARMS**

- Empty Sheds
- For Sanitation of cages & floor
- For Sanitation of wall & roof
- For Cleaning of Equipments
- For Dips & Footbath

#### **HATCHERIES**

- Cleaning of Eggs
- Humidity Chamber
- Incubator Tank
- Trays
- Floor

#### **Composition:**

Plant Based Oils

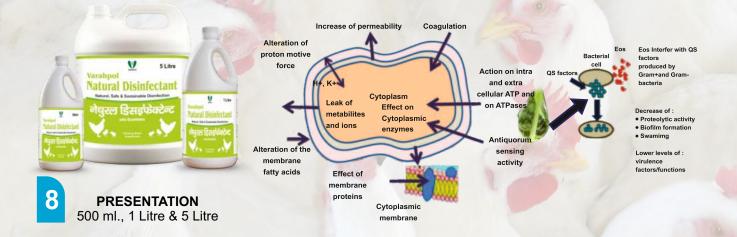
#### Features:

- Efficiently works in Chronic respiratory diseases (mild cases)
- Derived from unique combination of plant oils.
- Highly efficient and wide germicidal activity.
- Sporocidal, fungicidal, bactericidal & virucidal.
- Eco-friendly and biodegradable.

Dosage: 2-3% in water

#### Why Natural Disinfectant?

Parameters	Synthetic(as per market)	Natural
Bacterial resistance in water	After 7-10 days	No resistance even after 10 days
Body weight measures	Weight loss	Weight gain
Toxicity	Toxic	Non-Toxic
Corrosive effect	Yes	No
Staining	Yes	No
Side effects	Yes	No
Ecofriendly	No	Yes
Biodegradable	No	Yes



## Vitamin-C



#### A Pure Herbal Source of Vit. C

Vitamin-C is a rich source of Vitamin C & bioflavanoids.

It is Natural, Stable, Highly Bioavailable & Water Soluble

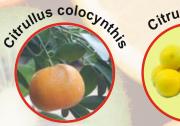
**Optimum Ascorbic Acid** Nature's Biological Response Modifiers **Oxidant Scavengers** 

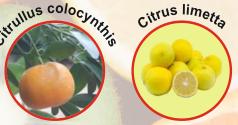
Young birds need supplementation of Vitamin C due to low endogenic level for optimum growth.

Supplementation at normal temperatures ensures better weight gain & fattening. Allevates heat stress at higher temperature.

In layers allievates production stress & ensures better egg shell quality as it helps both in absorption & mobilisation of calcium.

Maintains normal collagen metabolism and ensures protection of cell membranes.









#### **Composition:**

Extracts from

Citrulus colosynthes, Citrus aurantifolia, Citrus aurantifolia, Emblica officinalis, Withania sominifera

#### Dosage:

Chicks 5 ml/100 birds/day Growers/Finishers 7 ml/100 birds/day Layers/Breeders 10 ml/100 birds/day

#### **Advantages**

- Provides adequate vit. C & enhances iron absorption.
- Scavenges free radicals & reduces damage caused by them.
- Improves egg production, egg weight & shell quality.
- Alleviates stress due to temperature, change in feeds or high production.
- Bioflavanoids have better antioxidant strength than common antioxidants.
- Helps in mainatining optimum immunity, high health status & optimum growth.







### Respiratory Disinfection & Solution

### Natural, Safe & Sustainable Disinfection

Cineole based Eucalyptus oil has antibacterial effects on pathogenic bacteria in the respiratory tract. Inhaled eucalyptus oil vapor is a decongestant & treatment for bronchitis. Cineole controls airway mucus hypersecretion & asthma via anti-inflammatory cytokine inhibition. Eucalyptus oil also stimulates immune system response by effects on the phagocytic ability of monocyte derived macrophages.

Pennermint oil contains mainly menthol which acts as a local anesthetic disinfectant, decongestant.

Peppermint oil contains mainly menthol which acts as a local anesthetic, disinfectant, decongestant, mucolytic & anti-inflammatry. Menthol effectively reduces inflammation of nasal catarrh.

Basil oil contains Methyl chavicol that has strong antibacterial action, psychedic effects & reduces respiratory problems.

#### **Composition:**

Each 100 ml. contains

Eucalyptus oil 3000 mg
Basil oil 1500 mg
Peppermint oil (Menthol 40%) 2000 mg
Thyme oil (Thymol 40%) 1000 mg
Excipients q.s.

#### **Fortified with Herbal Extracts**

#### **Advantages**

- Prevention of respiratory problems.
- •Reduction of post vaccination reaction.
- •Ensures effectiveness of standard treatments against resistant pathogens.
- Proven water & aerial disinfection.

#### Dosage:

Chicks 10 ml/100 birds/day Growers/Finishers 20 ml/100 birds/day Layers/Breeders 40 ml/100 birds/day







# Vit. E & Sel. Supplement



#### Selenium with Vitamin-E

Vitamin E Selenium Supplement is a unique formulation of Selenium and Vitamin E to fight stress and restore vigor, strength and vitality. Selenium is an essential mineral found in small amounts in the body. It works as an antioxidant, especially when combined with vitamin E. Antioxidants like selenium help fight damaging particles in the body known as free radicals.

Vitamin E is required for growth and reproduction, it helps to maintain the structural tissue integrity, it supports development of the nervous system and contributes to disease resistance.

Furthermore it enhances the nutritional value of meat and eggs.

Vitamin E is well recognised and accepted as nature's most effective lipid-soluble, chain-breaking antioxidant, protecting cellular membranes from being attacked by lipid peroxyl radicals.

#### **Composition:**

Each 100 ml contains:

Selenium 10 mg
Vitamin E 2500 mg
Biotin 20 mg

#### **Advantages**

- Reduces all type of stresses including vaccination, debeaking, climate, production, disease conditions.
- •Improves performance in terms of growth and production.

#### Dosage:

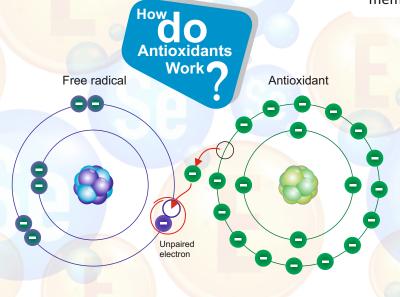
Chicks 2.5 ml/100 birds/day
Growers/Finishers 5 ml/100 birds/day
Layers/Breeders 10 ml/100 birds/day

#### Selenium

- Key role in the immune response & lodine metabolism
- Deficiencys cause negative effect on the animal's skeletal & cardiac muscles
- Main role as an antioxidant enzyme Glutathione
   Peroxidase, act as anti-stresser & scavenges free
   radicals.
- Improves fertility & production of healthy sperm in males.

#### **Vitamin E**

- Required for growth & reproduction.
- Maintain structural tissue integrity
- Supports development of the nervous & immune system.
- Enhances nutritional value of meat & eggs
- Nature's most effective lipid-soluble, chainbreaking antioxidant, protects cellular membranes from free radicles







## mmunity Modulator

#### Natural, Safe & Sustainable Disinfection

Strong immune system is essential for optimum health & production. It is the first defence of body against infectious invaders & toxins. Conditions like stress, nutritional deficiencies, frequent chemical medications, environmental pollution, high growth & production pressure etc. lead to weakening of the immune system which predispose the animals & birds to various diseases. The ability of the body to sustain infections & various types of stresses is dependent on the strength of immune system. It is most indispensable to boost the immunity of animals & birds in this antibiotic resistance & chemical bloom era.

Natureal immune modulator, a unique exclusive herbal formulation, which guarantees the health of body. It boosts immune system by stimulation of lymphoid tissues and activation of lymphocytes, macrophages and natural killer cells. Immunity Modulator has the power of strong antioxidants, which gives protection against free radical damage and inflammatory responses. It optimizes the immunoglobulin production and boosts the innate & adaptive immunity.

#### **Composition:**

Each 100 ml contains water	extractives of:
Tinospora cordifolia	7.5 gm
Withania somnifera	2 gms
Ocimum sanctum	4 gms
Asparagus racemosus	3.5 gms
Echinacea angustifolia	1 gm
Azadirachta indica	3.5 gms
Allium sativum	3.5 gms
Flavoids	3.5 gms

#### **Advantages**

- To maintain strong body defences & optimum immune functions in challenging farm conditions.
- •For maintaining health, livability & production at optimum levels.
- •To facilitate transfer of optimum maternal immunity from breeder birds & mother animals to chicks & new born.
- •For optimum response to vaccination programs for longer staying & higher antibody titres.

#### Dosage:

Chicks	5 ml/100 birds/day
Growers/Finishers	10 ml/100 birds/day
Layers/Breeders	20 ml/100 birds/day









### Cal. & Pho. Supplement



#### Selenium with Vitamin-E

Vinerals are required for the formation of the skeleton as components of various compounds with particular functions within the body, as cofactors of enzymes, & for the maintenance of osmotic balance within the body of the bird. Calcium & phosphorus are essential for the formation & maintenance of the skeleton. Most of the calcium in the diet of the growing bird is used for bone formation, whereas in the mature laying fowl most dietary calcium is used for eggshell formation. Other functions of calcium include roles in blood clotting & as a second messenger in intracellular communications. Phosphorus, in addition to its function in bone formation, is also required in the utilization of energy & in structured components of cells. Vitamin D is required for absorption of calcium from the gut. Vit. A is required for mantenance of epithelium which in turn governs better calcium absorption. Vit. A also has anti infective role besides its role in vision. Vit. B12 is a cofactor for enzymes transferring one-carbon units & catalyzing rearrangements in the carbon skeleton of several metabolic intermediates. In fowl, vit.-B12 mediated one-carbon transfers involve methionine, serine, choline & thymidine.

#### **Composition:**

Each 100 ml. contains

Calcium 4000 mg Phosphorus 2000 mg 675000 I.U Vitamin A Vitamin D3 1600 I.U Vitamin B12 2000 mcg Sodium 70 mg Magnesium 100 mg Chelated Manganese 23 mg Chelated Zinc 46 mg **Chelated Copper** 5 mg

#### Fortified with extract of Alfa & pumpkin seeds

#### **Advantages**

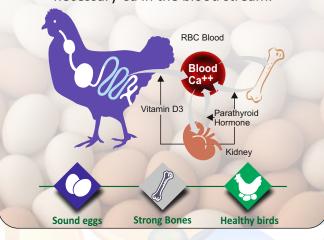
- Avoids Rickets, Osteomalacia, Osteoporosis, Cage Layer Fatigue & Deforming of Bones.
- •In layers prevents stunted Skeletal Development, Weak Egg Shells.
- Avoids Poor Feathering, Low Hatchability, Embryonic Mortality, Gizzard Erosions.

#### Dosage:

Chicks 15 ml/100 birds/day 30 ml/100 birds/day Growers/Finishers Layers/Breeders 60 ml/100 birds/day

Calcium & Phosphorus individually have their own functions & together they are required for the formation of hydroxyapatite & physical strength of the skeletal tissue.

During eggshell formation, Ca plasma concentration rapidly decreases, stimulating the secretion of the parathyroid hormone (PTH), which almost immediately promotes an increase in bone resorption, thereby supplying the necessary Ca in the blood stream.









## Crout & Kidney Acidifier

### **Optimum Revitalization of Kidney**

#### Why Gout & Kidney Acidifier

Renal Diseases are of common occurrence in Avians. The significant causes include include dehydration, hypovitaminosis A, excessive dietary vit. D3 or calcium (greater than 3% in non-laying hens) & protein, heavy metaltoxicity, bacterial nephritis secondary to systemic disease. One of the important differentials for primary renal disease in Urolithiasis & gout, In gout, there is hyperuricemia (increase in uric acid content in blood) excess uricacids start depositiong on serosal surfaces of the pericardium, liver capsule, air sacs & within the kidney but may be found on any tissue (visceral Gout) or on articular surfaces (in or around joints). Articular gout lesions are particularly common on the foot & hock. Clinical signs of articular gout may include reluctance to mave, shifting from leg to leg, lameness & joint swelling. Urolith development is most commonly associated with severe dehydration; other factors may include excess dietary calcium, Dietary Electrolyte Imbalances, infectious bronchitis virus, Mycoplasma synoviae infection, mycotoxicosis, or shipping stress. Excess dietary protein has also been correlated with increased production of uric acid, but even with very high levels of dietary protein (ie, 80%) gout develops only in genetically susceptible individuals. Nevertheless, it is still theorized that long-term & high-protein feeding may induce hyperuricemia in granivorous or nectivorous birds.

#### **Composition:**

Per Litre contains:

Vitamin A 3.14 g
Sodium Chloride 8 g
Sodium Citrate 30 g
Ammonium Chloride 10 g
Potassium Chloride 30 g
Sorbitol (as excipient)

Contain preservative (Sodium Methyl Paraben, Sodium Propyl Paraben)

#### **Advantages**

- To prevent & treat Gout.
- •To prevent & treat ascites.
- •To prevent & treat urolithiasis.
- Revitalization of kidney functioning

**Dosage:** Prevention:

5-10 ml/100 birds for 3 weeks

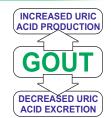
Treatment:

Chicks: 15 ml/100 birds/day Growers/Finishers 20 ml/100 birds/day Layers/Breeders 30 ml/100 birds/day

A Blend of Phytochemical Extracts with Urinary Acidifiers, Anti-Oxidants, Electrolytes & Vitamins.









CAUSES FOR KIDNEY PROBLEMS



NUTRITIONAL & METABOLIC
INFECTIOUS

OTHERS LIKE TOXINS, CHEMICALS, ANTIBIOTICS





## Water Soluble Vitamin



#### Selenium with Vitamin-E

- Unique combination of B-complex vitamins with amino acids.
- Promotes safe and healthy liver

Water Soluble Vitamin is a specific mixture of water soluble vitamins fortified with essential amino acids.

#### **Composition:**

Nutritional Value per 5 ml

Vitamin B1	3.75 mg
Vitamin B2	1.25 mg
Vitamin B6	0.62 mg
D-Panthenol	1.25 mg
Niacinamide	37.5 mg
Vitamin B12	6.25 mcg
DI-Methionine	10 mg
Choline Chloride	10 mg
L-lysine Monohydrochloride	5 mg
Vitamin C	15.5 mg

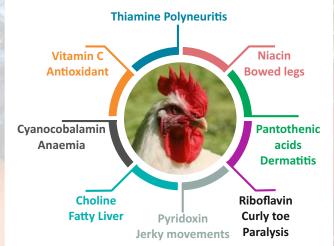
#### Advantages:

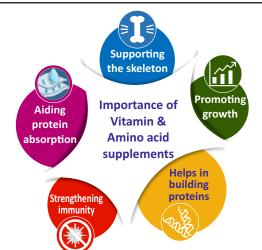
- Improves feed conversion ratio (FCR) and improves weight gain.
- Improves egg production in layers.
- Prevents fatty liver syndrome.
- Fights stress and keep the birds free from diseases.

#### Dosage:

Chicks 5 ml/100 birds/day
Growers/finishers 8 ml/100 birds/day
Layers/Breeders 10-15 ml/100 birds/day

### Deficiency of Vitamins leads to major poultry diseases.











# Vit. E & Sel. Supplement

### **Optimum Revitalization of Kidney**

Vit. Supplement is a combination of multivitamins & minerals for better growth & performance

One of the common problems with regard to backyard chickens relates to poor or inadequate feeding programmes that can lead to vit. & mineral deficiencies for the birds. Vit. & minerals are very important components of chickens diet & even a formulated ration deficiencies of trace minerals & vit. will be full filled by vit. supplement

#### **Composition:**

Each 10 ml. Contains

Vitamin A 120000 IU Vitamin D3 60000 IU Vitamin E 15 mg Vitamin H (Biotin) 1 mg Vitamin C 10 mg Vitamin K 200 mcg Manganese 5 mg Zinc 25 mg Cobalt 1 mg Selenium 1 mg

#### **Advantages**

- •Fulfills the deficiency of trace minerals & vitamins.
- •Prevents infertility & reproductive problems.
- Enhances growth & production.
- •Develops immunity.

#### Dosage:

5 ml/100 birds/day Chicks Growers/Finishers 7 ml/100 birds/day 10 ml/100 birds/day Layers/Breeders

• Improves the immune system.
• Protects body cells against reactive

- Selenium functions as a component of at-least 25 different Selenoproteins,
- Manganese functions as components of metalloenzymes that take part in
- production, storage & secretion of hormones.

#### Biotin

- Active in skin formation & maintenance.
- Deficiency causes abnormal keratinization & cornification of the epidermis, leading to low tensile strength & skin lacerations.

- Avoids night blindnessAvoid Rickets









