

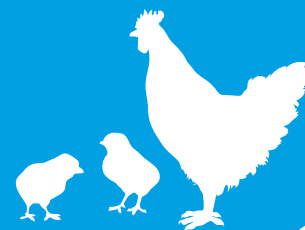


VARAH Poultry



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Varahpol Water Acidifier



High Performing Acidifier

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

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.

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.

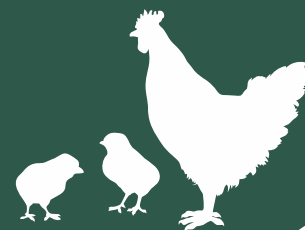
Formic acid present in Water Acidifier improves nutrient digestibility & controls harmful bacteria in gut & also improves the digestion of proteins.

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



PRESENTATION
500 ml., 1 Litre & 5 Litre

Varahpol Cocci



Sustainable Coccidiosis Management

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 coccidiosis.
- 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

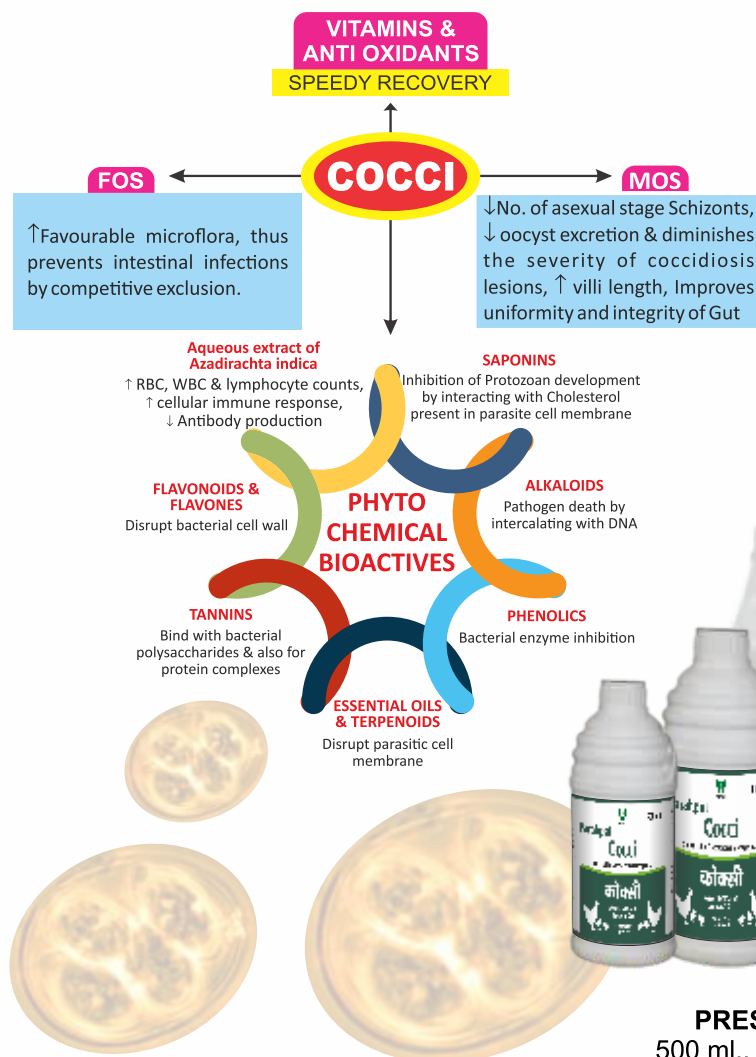
Treatment : 30 ml/100 birds for 3-5 days twice daily or as per the directions of the veterinarian

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.

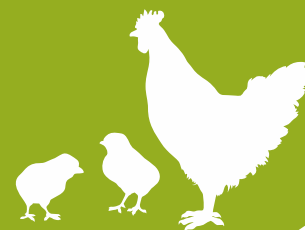
The Solution :

- NLSL's 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.



PRESENTATION
500 ml., 1 Litre & 5 Litre

Varahpol Anti Diarrhoeal



Natural Anti-Diarrhoeal

Composition :

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

Punica granatum	5 gms.
Aegle marmelos	5 gms.
Holarrhena antidysenterica	5 gms.
Salmaia 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

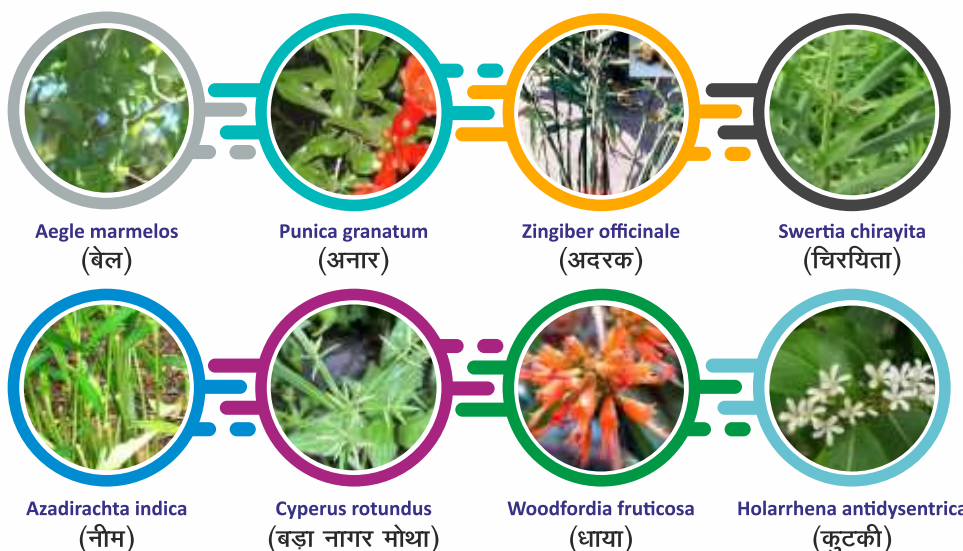
Chicks	10 ml/100 birds/day
Growers/Finishers	15 ml/100 birds/day
Layers/Breeders	20 ml/100 birds/day

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.

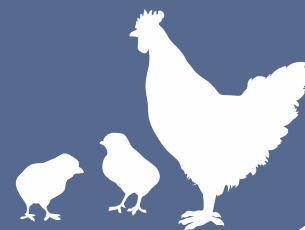
The loss of fluids through diarrhea can cause dehydration and electrolyte disturbances such as potassium deficiency or other salt imbalance. In acute & in sub acute forms it often proves fatal, so under field conditions, usually the first priority is to control diarrhea non-specifically & symptomatically, 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.



PRESENTATION
500 ml., 1 Litre & 5 Litre

Varahpol Growth Promoter



Optimum Growth Promotor

Composition :

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
Propyl Paraben (as Preservative)	200 mg

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.

Dosage :

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

- 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.

Increases
FCR, weight
gain &
growth

Avoids
nutritional
deficiencies
& stress

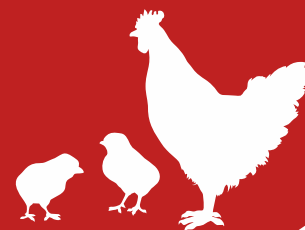
Promotes
optimum
digestion of
nutrients

Provides
protein
building
blocks



PRESENTATION
500 ml., 1 Litre & 5 Litre

Varahpol Haematinic



To Control Anemia & Improve Health

Composition

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

Advantages

- 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

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.
- 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.



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. acetylcholine.

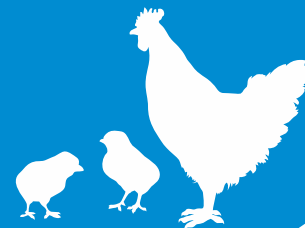
Haematinic controls iron deficiencies syndrome and improves haemoglobin levels.



PRESENTATION

500 ml., 1 Litre & 5 Litre

Varahpol Liver & Growth Supplement



The Ultimate Solution for Liver & Growth Promotion

Composition :

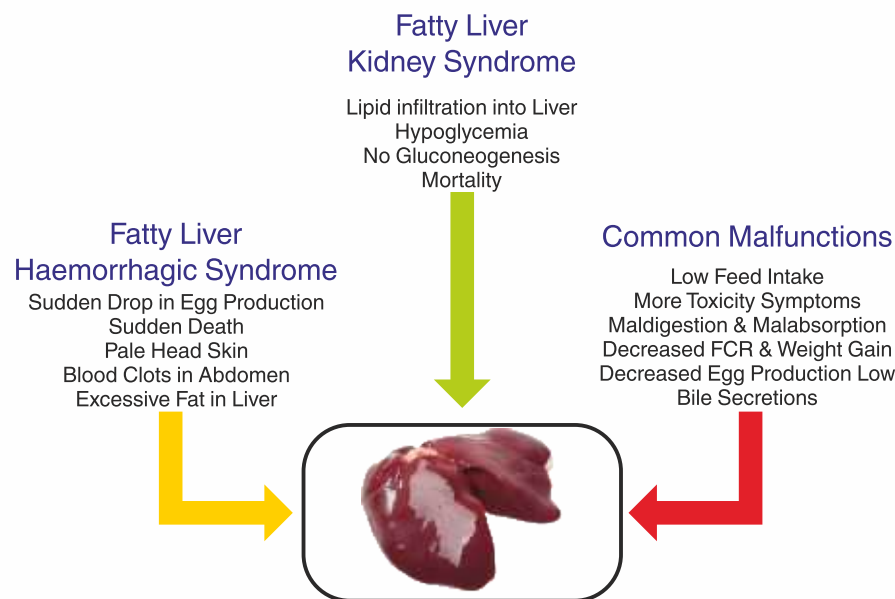
Each 10 ml. contains	
Liver Extract	180 mg
Tricholine Citrate	1500 mg
Inositol	10 mg
Niacin	24 mg
Vitamin B12	5 mcg
Biotin	7 mcg
Protein Hydrolysate	100 mg
Yeast Extract	40 mg
Methionine	70 mg
Lysine	80 mg
Manganese	7 mg
Zinc	4 mg
Copper	3 mg
Vitamin E	20 mg
Selenium	7 mcg
Base enriched with liver Stimulants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

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



Amino Acids



Yeast Extract



Liver extract

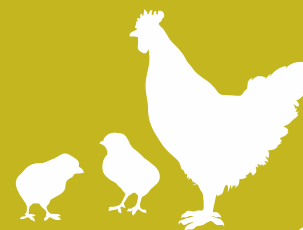


Protein Hydrolysate



PRESENTATION
500 ml., 1 Litre & 5 Litre

Varahpol Liver Tonic



High Performing Herbal Liver Tonic

Composition

Each 100 ml contains aqueous extract of:

Andrographis paniculata	4 gms
Tephrosia purpurea	3 gms
Fumaria vaillantii	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

Tephrosia purpurea
(सरपुखा)



Phyllanthus niruri
(भूई आंवला)



Boerhaavia diffusa
(पुनरनवा)



Eclipta alba
(भ्रिंगराज)



Andrographis paniculata
(किरायत)



Terminalia chebula
(हरड़)

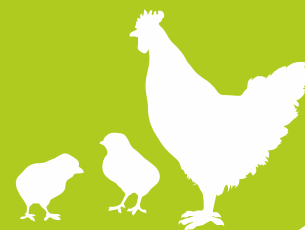


MAJOR INGREDIENTS



PRESENTATION
500 ml., 1 Litre & 5 Litre

Varahpol Natural Disinfectant



Natural, Safe & Sustainable Disinfection

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

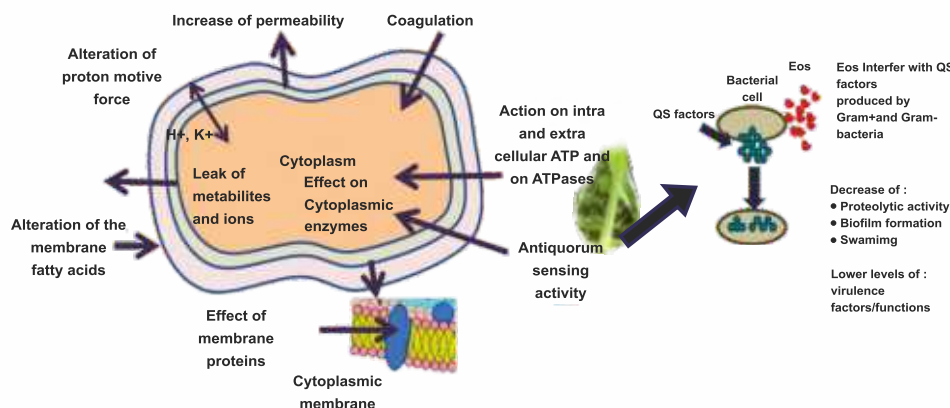
Why Natural Disinfectant ?

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

Natural Disinfectant is a novel green 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 blocks 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

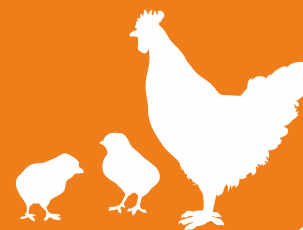
HATCHERIES

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



PRESENTATION
500 ml., 1 Litre & 5 Litre

Varahpol Vitamin-C



A Pure Herbal Source of Vit. C

Composition :

Extracts from

Citrus colosynthes, Citrus aurantifolia,
Citrus aurantifolia, Emblica officinalis,
Withania somnifera

Advantages

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

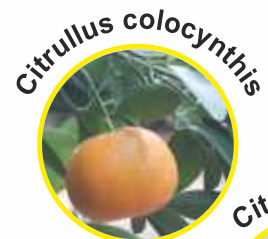
Dosage :

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

Vitamin-C is a rich source of Vitamin C & bioflavonoids.
It is natural, stable, highly bioavailable & water soluble



Optimum Ascorbic Acid
Nature's Biological Response Modifiers
Oxidant Scavengers



Citrus colosynthis



Citrus limetta



Psidium guajava



Emblica officinalis

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.

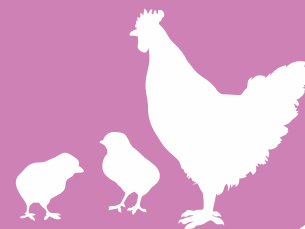
In layers alleviates production stress & ensures better egg shell quality as it helps both in absorption & mobilisation of calcium.

Maintains normal collagen metabolism and ensures protection of cell membranes.



PRESENTATION
500 ml., 1 Litre & 5 Litre

Varahpol Respiratory Disinfection & Solution



Natural Aid for 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

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

Thyme oil contains mainly a natural Biocide called Thymol, with strong antimicrobial attributes. Thymol can reduce bacterial resistance to common drugs such as penicillin. Numerous studies have demonstrated the antimicrobial effects of thymol, ranging from inducing antibiotic susceptibility in drug-resistant pathogens to powerful antioxidant properties. Research demonstrates that naturally occurring biocides such as thymol, reduce bacterial resistance to antibiotics though a synergistic through a synergistic effect, & thymol has been shown to be an effective fungicide Also, particularly against fluconazole-resistant strains. This is especially relevant given that opportunistic Candida (fungus) infections can cause severe systemic infections in immunocompromised patients & current treatments are highly toxic, often result in drug-resistant Candida strains, & have low efficacy. Thymol also has a strong antimutagenic effect. Though the exact mechanism is unknown, there is evidence to suggest that thymol possesses at least some of its biocidal properties via membrane disruption. Basil oil contains Methyl chavicol that has strong antibacterial action, psychedelic effects & reduces respiratory problems.



Ocimum sanctum
(तुलसी)



Albizia lebbek
(सिरिस)



Bambusa arundunacea
(बांस)



Eucalyptus globules
(सफेदा या युकेलिप्टस)



Glycyrrhiza glabra
(मुलेटी)



Adhota vasica
(अडुसा)



Calotropis procera
(आक)



Alpinia galanga
(बड़ा कुलान्जन)



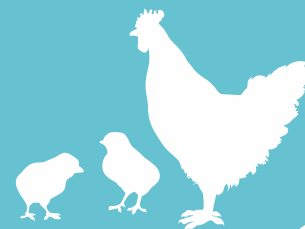
Solanum surattense
(छोटी कटेरी)

EXTRACTS
USED



PRESENTATION
500 ml., 1 Litre & 5 Litre

Varahpol Vit. E & Sel. Supplement



Selenium with Vitamin-E

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 :

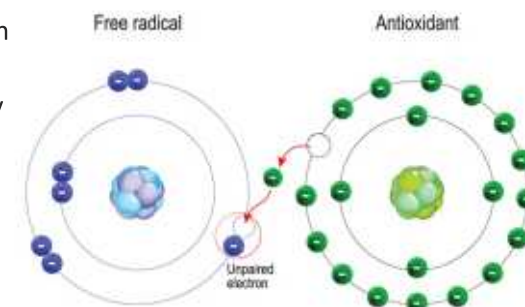
Chicks	2.5 ml/100 birds/day
Growers/Finishers	5 ml/100 birds/day
Layers/Breeders	10 ml/100 birds/day

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.



How do
Antioxidants Work ?

Selenium

- Key role in the immune response & Iodine metabolism
- Deficiencies 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.

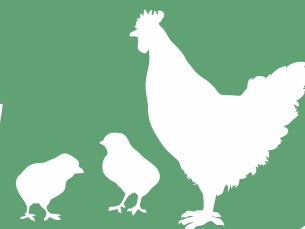
Vitamin E

- 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, chain-breaking antioxidant, protects cellular membranes from free radicals



PRESENTATION
500 ml., 1 Litre & 5 Litre

Varahpol Immunity Modulator



Natural Immune Modulator

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

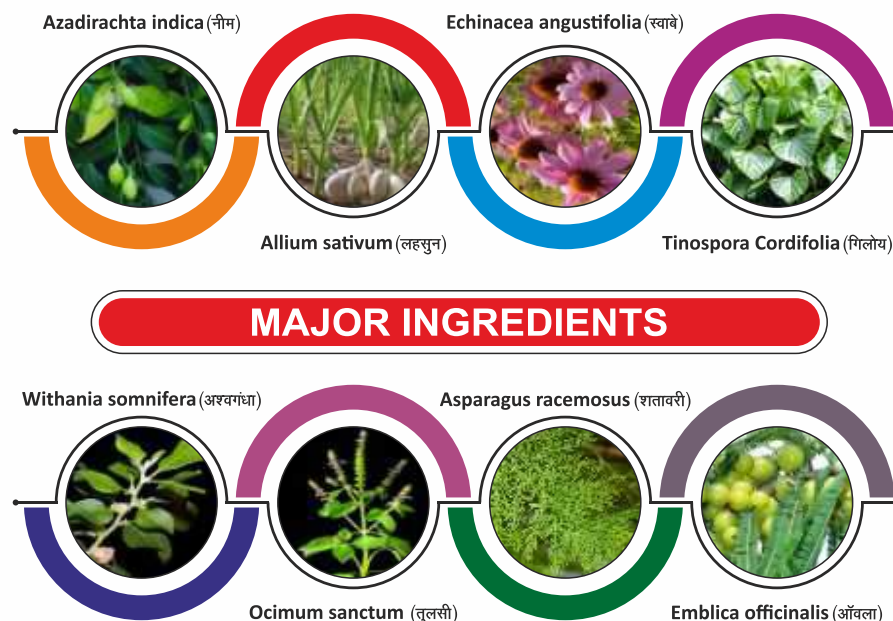
Advantages

- 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 :

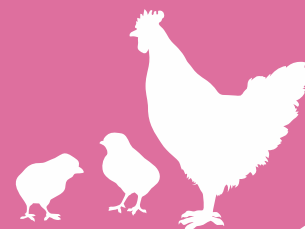
Chicks	5 ml/100 birds/day
Growers/Finishers	10 ml/100 birds/day
Layers/Breeders	20 ml/100 birds/day

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



PRESENTATION
500 ml., 1 Litre & 5 Litre

Varahpol Cal. & Pho. Supplement



Optimum Calcium for Poultry

Composition :

Each 100 ml. contains

Calcium	4000 mg
Phosphorus	2000 mg
Vitamin A	675000 I.U
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

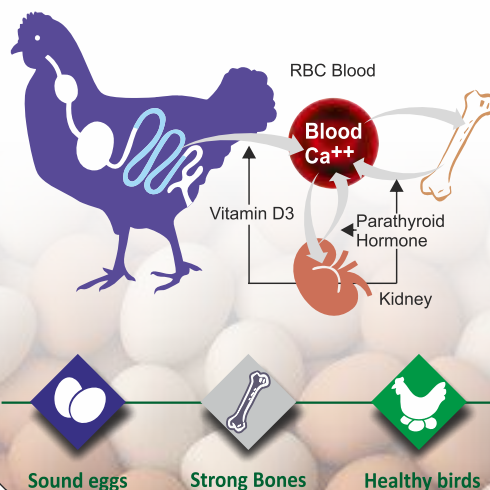
- Avoids Rickets, Osteomalacia, Osteoporosis, Cage Layer Fatigue & Deforming of Bones.
- In layers prevents stunted Skeletal Development, Weak Egg Shells.
- Avoids Poor Feathering, Low Hatchability, Embryonic Mortality, Gizzard Erosions.

Dosage :

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

Minerals 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 and 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 and in structured components of cells. Vitamin D is required for absorption of calcium from the gut. Vitamin A is required for maintenance of epithelium which in turn governs better calcium absorption. Vitamin A also has anti infective role besides its role in vision. Vitamin B12 is a cofactor for enzymes transferring one-carbon units & catalyzing rearrangements in the carbon skeleton of several metabolic intermediates. In fowl, vitamin-B12 mediated one-carbon transfers involve methionine, serine, choline & thymidine.

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

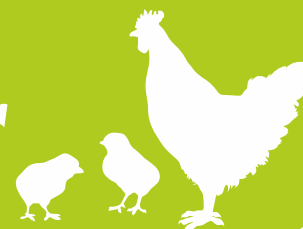


During eggshell formation, Ca plasma concentration rapidly decreases, stimulating the secretion of the parathyroid hormone (PTH), which almost immediately promotes an increase in bone resorption, thereby supplying the necessary Ca in the blood stream.



PRESENTATION
500 ml., 1 Litre & 5 Litre

Varahpol Gout & Kidney Acidifier



Optimum Revitalization of Kidney

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

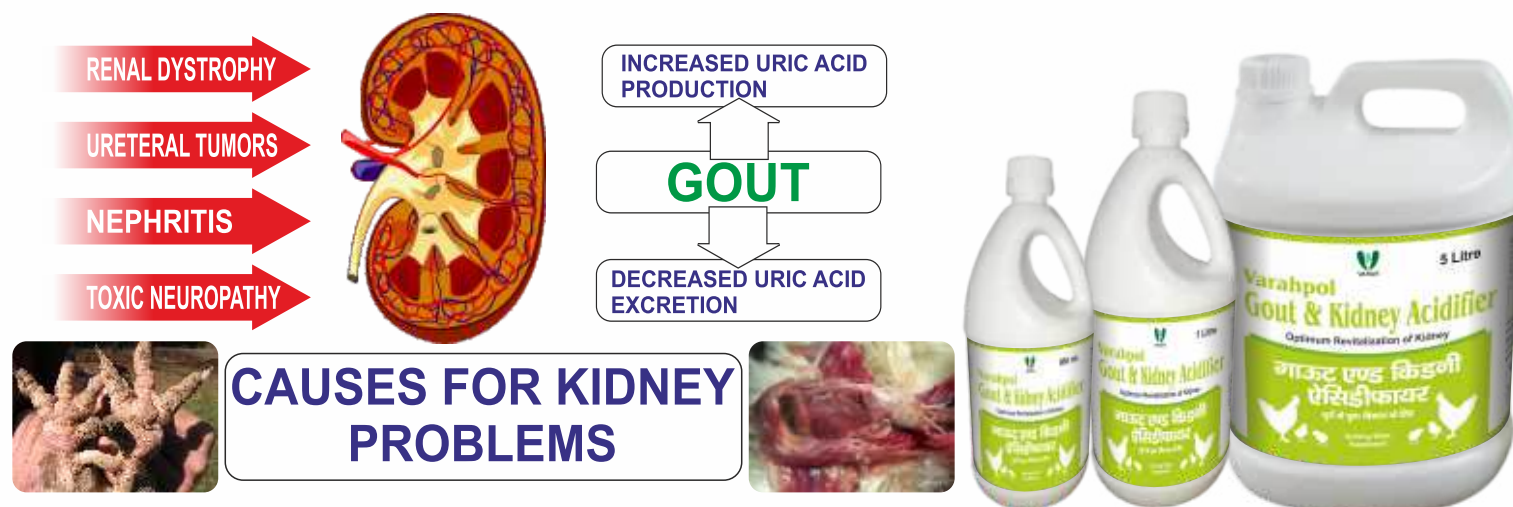
Treatment :

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

Why Gout & Kidney Acidifier

Renal Diseases are of common occurrence in Avians. The significant causes include include dehydration, hypovitaminosis A, excessive dietary vitamin 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 deposition on serosal surfaces of the pericardium, liver capsule, air sacs and 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 and hock. Clinical signs of articular gout may include reluctance to mave, shifting from leg to leg, lameness and 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.

A blend of phytochemical extracts with Urinary acidifiers, anti-oxidants, electrolytes & vitamins.

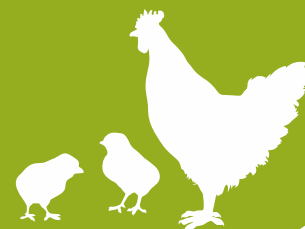


- NUTRITIONAL & METABOLIC
- INFECTIOUS
- OTHERS LIKE TOXINS, CHEMICALS, ANTIBIOTICS



PRESENTATION
500 ml., 1 Litre & 5 Litre

Varahpol Water Soluble Vit.



B-Complex with Vitamin-C

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
DL-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.

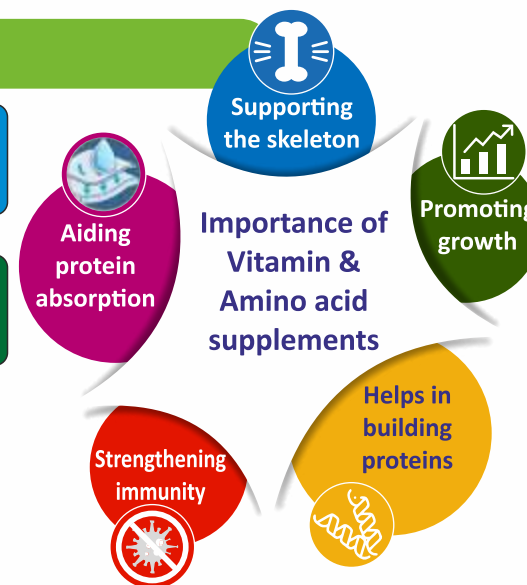
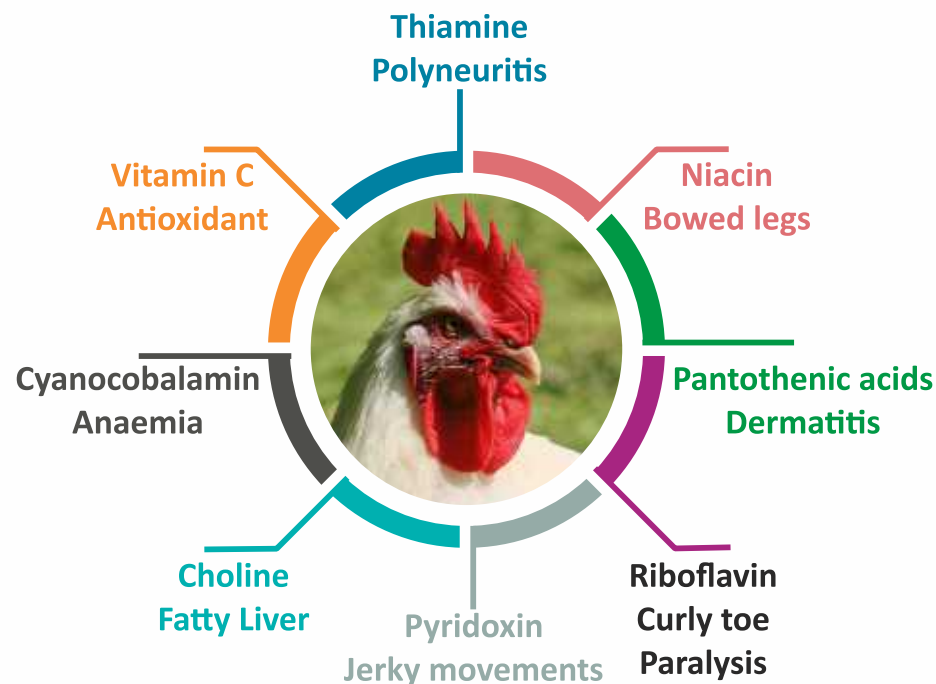
Dosage :

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

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

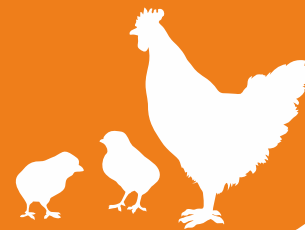
Water Soluble Vitamin is a specific mixture of water soluble vitamins fortified with essential amino acids.

Deficiency of Vitamins leads to major poultry diseases.



PRESENTATION
500 ml., 1 Litre & 5 Litre

Varahpol Vit. Supplement



Vitamins & Minerals Liquid

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 :

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

Vitamin 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 vitamin & mineral deficiencies for the birds.

Vitamins & minerals are very important components of chickens diet & even a formulated ration deficiencies of trace minerals & vitamins will be full filled by vitamin supplement



Minerals

- Selenium functions as a component of at-least 25 different Selenoproteins, which are immune systems.
- Manganese functions as components of metalloenzymes that take part in reduction reactions.
- Cobalt is component of vit. B12 & is activating ion for certain enzyme reactions. Zinc is involved in cell replication & differentiation, production, storage & secretion of hormones.

Fat soluble vitamins

- Anti-infective
- Avoids night blindness
- Avoid Rickets
- Prevents Myopathy, Encephalomalacia & Exudative diathesis.
- Prevents anemia & delayed blood clotting.

Vitamin C

- Improves the immune system.
- Protects body cells against reactive oxygen species.

Biotin

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



PRESENTATION
500 ml., 1 Litre & 5 Litre