B.S. GROUP OF COMPANIES
1952

COLISOL™



Colisol™ Liquid

To Instigate the Host Defense Mechanism Through Reactionary Forces.

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COLISOL™

Reduces Losses Due to E Coli and Mycoplasma

E coli and Mycoplasma, together cause maximum losses to the poultry industry, compared to many other infections, due to increased mortality, reduced productivity and performance, and the cost of medications .

Both the disease's cause infections or complicate other respiratory infections as secondary invaders and show symptoms in various parts of the bird body, including the respiratory, gastrointestinal, and reproductive systems.

E coli and Mycoplasma are everywhere, irrespective of the hygiene and sanitation procedures used, these two micro-organisms exist , and are spread by the rodents, insects, workers and some of the feed ingredients, like fish, fish meal, meat and meat meal etc.

E coli and mycoplasma can also be transmitted vertically from the parents to the off-spring and from the hatchery. Stress aggravates the signs and symptoms of this problem, specially after the vaccination is done and under the influence of mycotoxins in the feed, that suppress the immune system, thereby lowering the body defences.

Symptoms:

Ruffled feathers	:	Birds may appear ruffled or out of shape.
Depression and listlessness	:	Affected birds may exhibit a lack of energy and enthusiasm.
Reduced appetite	:	Decreased feed consumption can lead to poor growth and production.
Respiratory distress	:	This can include coughing, labored breathing, and changes in breathing sounds.
Diarrhea	:	Yellowish or green-colored droppings may be seen in severe cases.
Other symptoms	:	Depending on the specific type of infection (e.g., omphalitis, egg peritonitis), other symptoms may include nasal infections in chicks, abdominal distension, and difficulty in walking and balancing.



Causes and Transmission:

Pathogenic strains of E. coli and Mycoplasma : Several strains of E. coli and Mycoplasma are known to cause disease in poultry.

Vertical transmission: Infected eggs can pass the bacteria to chicks.

Horizontal transmission: Birds can be infected through contact with contaminated environments, including faecal matter, dust, and water.

Suppressed immune system: Factors such as stress, overcrowding, poor ventilation, and high ammonia levels can weaken the immune system and make birds more susceptible to infection.

Prevention and Control:

Good hygiene and Sanitation practices: Regular cleaning and disinfection of poultry houses, equipment, and water systems can help prevent the spread of E. coli and Mycoplasma.

Proper ventilation: Adequate ventilation helps to reduce ammonia levels and dust, which can irritate the respiratory tract and increase susceptibility to infection.

Stress reduction: Providing a comfortable environment with appropriate temperature, space, and feed can help minimize stress and improve the bird's immune response.

Vaccination and the use of probiotics: Some vaccines and probiotics can help prevent or reduce the severity of both E. coli and Mycoplasma infections.

Early detection and treatment: Regular monitoring of birds for signs of infection and prompt treatment can help to control outbreaks.

COMPOSITION:

Amino Nitrogen	:	10000 ppm
Yeast Extract (nucleic Acid)	:	150 ppm
Benzol Konium Chloride	:	0.005%
Propionic Acid	:	0.4%
L.P.O.	:	Q.S.

* Polysaccharides

C Reactive Protein in Fortified Base

POULTRY FEED SUPPLEMENT
NOT FOR HUMAN / MEDICINAL USE





Recommended Strategy to control the infection:

If mild infection is noticed, use of **Colisol™** alone is enough to give the results, however if severe infection is seen as a result of delayed detection or a mixed infection is noticed, start with an antibiotic plus **Colisol™** in full days drinking water (for 3 days), reduce or remove the antibiotic after 3 days, continue **Colisol™** for 4 to 5 more days to get best results.

PRESENTATION:

1 Litre, 5 Litre & 25 Litre.

Healthy Birds Produce Healthy Food Products for the Nation

Manufactured by:

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