

Gosachol



Pure **Choline chloride 60%** for Superior Liver Health & Performance

60%

Needed for acetylcholine synthesis



Supports rapid tissue development

Improves nutrient utilization

Prevents fat accumulation

Improves egg production & hatchability

Avoids fatty liver & leg issues



Choline is an essential nutrient (sometimes called vitamin B4) required by poultry for lipid metabolism, nerve function, cell membrane structure, and methyl-group metabolism. Poultry cannot synthesize sufficient amounts, so dietary supplementation is necessary.

Fat Metabolism:

Acts as a lipotropic agent to prevent Fatty Liver Syndrome by mobilizing excess fat from the liver.

Growth & Development:

Essential for building cell membranes (phospholipids) and ensuring the proper functioning of the nervous system (acetylcholine production).

Poultry Health:

Prevents perosis (bone abnormality) and improves the quality and quantity of eggs.

Feed Efficiency:

Enhances the Feed Conversion Ratio (FCR), leading to rapid weight gain and better nutrient utilization in broilers and layers.

Choline functions in poultry as:

A lipotrope — mobilizes fat from the liver, reducing fatty liver syndrome.

A methyl donor — participates in methylation reactions alongside methionine and folate.

A cell component — part of phosphatidylcholine in membranes.

A neurotransmitter precursor — needed for acetylcholine synthesis

A) Growth & Performance

Studies show choline supplementation can:

- Improve growth performance compared with choline-deficient diets.
- Reduce abdominal fat deposition in broilers.
- Improve carcass characteristics under some conditions.

B) Health Effects

Supplementation helps prevent:

- Fatty liver (common in high-grain diets).
- Leg abnormalities linked to deficiency.

c) Feed Efficiency & Egg Production

Industry data indicate improved feed conversion ratio, growth rates, and egg production with appropriate choline supplementation.

Choline donates methyl groups in metabolism.

Works closely with methionine, folic acid, and vitamin B12.

Adequate choline can partially spare methionine, improving feed formulation efficiency.

Composition : Choline Chloride 60% in pure form

Recommended Inclusion Level (gm/MT of Feed):

Commercial Layers – 1 kg – 1.5 kg

Breeders – 2 kg – 2.3 kg

Commercial Broilers – 2 kg – 2.3 kg

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