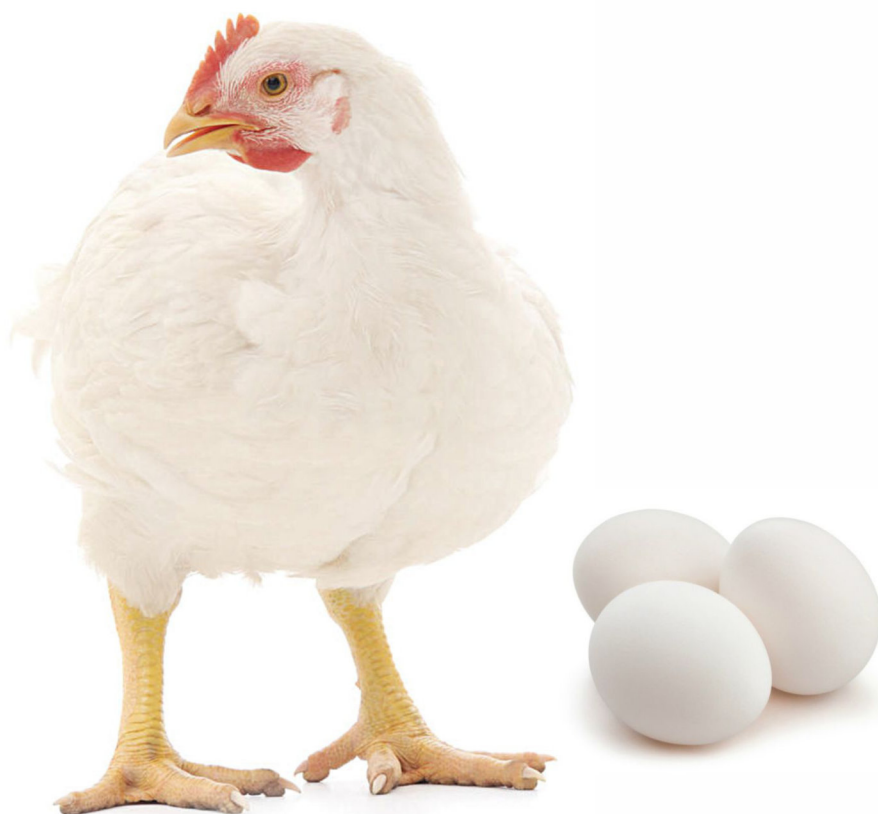


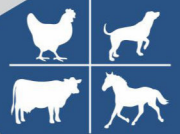
Lipolyse-L

Effective Fat Mobiliser



Lipolyse-L

Effective Fat Mobiliser

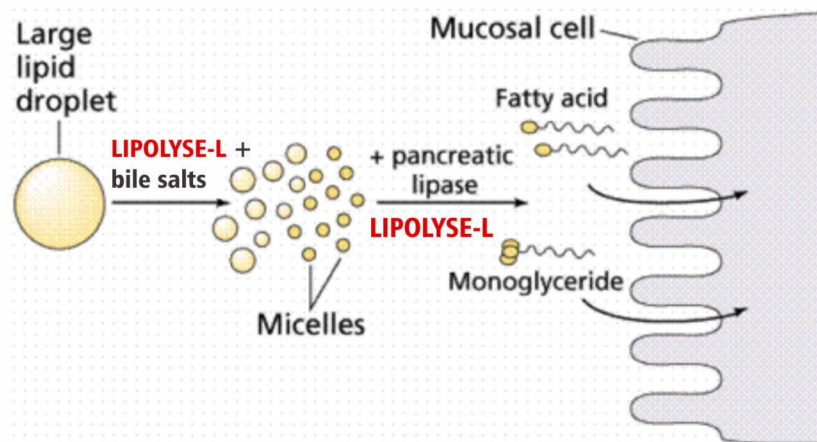


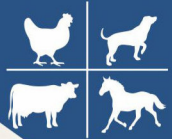
Fat mobiliser are used in poultry nutrition especially in layers for improving fat metabolism, improves laying capability and enhances digestibility. the selection of natural and synthetic sources is based on their activity in fat mobilisation process.

Description:

In layers after age of 40 weeks laying the abdominal fat deposition increases. The increase abdominal fat leadsto the risk of prolapse in layer birds. due to which egg production decreases. Hence balanced supplementation of nutrition along with Choline Chloride, Vitamin B12, Vitamin C And other synthetic component which is responsiblefor hydrolysis of lipids and produces FA which are water soluble help the **hens** metabolize **fat** more efficiently. (*kathy S. Mormino; 2014*)

LIPOLYSE-L can be used to improve fat metabolizability and energy efficiency. As a result, balanced lower energy diet can be formulated for birds meanwhile maintaining the same performance leading to lower feed cost and more economical and sustainable production. LIPOLYSE-L facilitate the formation of fat emulsifying droplets which lower down the surface tension (*Ashraf, 2007*), stimulates the micelles causes high levels of monoglycerides in the intestine and facilitates the nutrient transport through the membrane.

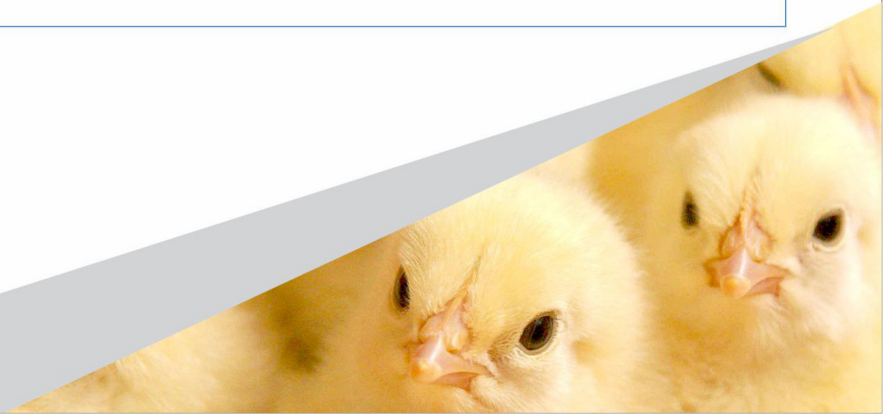




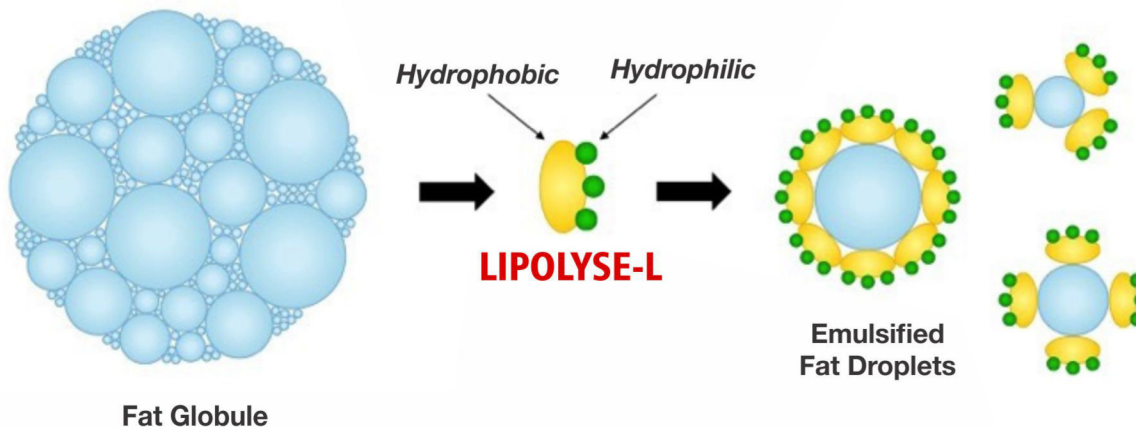
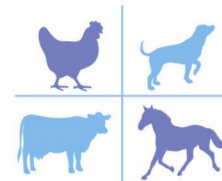
About Fat Mobiliser:

This is combination of vitamins liver rejuvenating agent and emulsifying agents. The mixture of

Soluble Caseinates	Increased weight gain, FCR and pancreatic lipase secretion, improved ether extract digestibility with no effect on egg quality, serum cholesterol, HDL and triglycerides	Guerreiro <i>et al</i> , (2011)
Lysophosphatidylcholine or Lysolecithin (lecithin)	Improved weight gain, FCR, co-efficient of total tract apparent digestibility(CTTAD) of C16:0, C18:2, and C18:3n3, C18:1n7 and C18:1n9 fatty acids, improved carcass quality and dressing percentage	Melegy <i>et al</i> ,(2010) Zhang <i>et al</i> ,(2011) Azman and ciftci, (2004) Ashraf,(1995)
Bile salt	Decreased plasma cholesterol Increase metabolisable energy activate lipase, contributes to hydrolyze fat droplets into fatty acids, glycerin and monoglycerides. enzyme activeness of intestinal tract content	Abd-Ef-Rauof, (1995) Alzawqari <i>et al</i> , (2010) Gomez and Polin, (1976) Kussaibati <i>et al</i> , (1982) Zhong and xiang, (2008)
Glycerol polyethylene Glycol ricinoleate, e 484 Liprex poultry Sodium steary1-2-Lactylate (SSL)	Improved performance, intake and utilisation of efficiency of fat, CP, ME and Increased the body weight and liver weight Improved body weight and relative organs weight	Roy <i>et al</i> , (2010) Yordan <i>et al</i> , (2013) Flores <i>et al</i> , (2007) Chronakis <i>et al</i> , (2004)
Herbal Vitamin C	Increased egg weight, improves shell quality Exhibits Peroxidative and antioxidative effect Inhibits oxidative protein denaturation	Mc Dowell 1989 and L.R., 1989.
Vitamin B12	Initiates nucleic acid and methyl synthesis, lipid metabolism, improves egg weight and hatchability, maintain nervous system integrity.	(Mc Dowell 2000)
Choline chloride	Formation of phospholipid lecithin, maintain nervous system integrity, utilisation and outward transport of fatin liver so preventing abnormal accumulation of fat within hepatocytes.	H.A. Workelet <i>al</i> , (2002)
Liver Stimulant	improved liver function, increased production of bile for digestion of fat, depots fats to into tissue fats for futher energy utilization.	MrigenDutt(2014)



Lipolyse-L



Composition:

Lysophospholipid, Phospholipid, Soluble, Glycerol Polyethylene Glycol Ricinoleate, Herbal Vitamin C, Vitamin B12, Choline chloride, Liver tonic and Natural Carriers.

Benefits:

- Increases the metabolizability of fat in body.
- Facilitate Low cost formulation.
- Minimizes abdominal fat.
- Maximizes enzymatic digestion of feed.

Inclusion Level:

Broiler/ Layer : 500gms/ton of feed.

Presentation:

25kg bag.



For further information, please contact:

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