

MeboGrow

(Growth Optimiser for Beef Cattle)

Liver has a major role in carbohydrate, protein and lipid metabolism. The liver performs over a 100 different functions, being an organ of storage, of synthesis, of bile secretion, of detoxification & protection and pre-eminently the central organ of metabolism.

It will, for example, take up glucose and convert it to glycogen as a readily available store of energy; it converts amino acids into the proteins required for growth and replacement of tissues; it stores fat and vitamins. Thus the blood content of sugars, fats and amino acids is regulated by the liver. The production of blood proteins and viscosity regulators such as fibrinogen, prothrombin and heparin takes place here, as do a wealth of detoxifying and protective actions, such as the conversion of ammonia into urea to prevent toxic build up from the deamination of amino acids, and the de-toxification of drugs. A variety of conjugation or destruction reactions are utilized, all designed to maintain the internal environment in a state conducive to metabolic well-being.

The use of anabolic hormones, antibiotics and other chemical substances for growth promotion in farm animals is reported to cause residual toxicity and other side effects, not only to the animals but also to the human beings. **MeboGrow** is a unique herbal feed ingredient which is very useful liver tonic, digestive and metabolic stimulant and growth optimizer for fattening calves, beef cattle, sheep, goats, dairy cattle and other animals.

MeboGrow consists of some selected herbal plants in desired proportions which have been in use for many centuries in men and animals. **MeboGrow** optimises the liver function and thus the secretion and flow of bile and metabolism are optimised. **MeboGrow** helps protect the liver and maintain the regeneration of damaged liver tissues and hepatic cell functions at optimum levels. Another important function is that it optimises glucose synthesis. The optimal functioning of the liver ensures efficient detoxification and guards against the damaging effects of mycotoxins, feed contaminants, anti-biotics, anthelmintics and other chemicals. It is observed that the supplementation of **MeboGrow** in feed also helps optimise endogenous production of pancreatic and duodenal enzymes.

The general health and production performance of farm animals largely depends on their ability to digest and assimilate vital nutrients. This can be achieved through optimum bio-activity and population of microflora and secretory functions of the G.I. tract. **MeboGrow** supplementation helps maintain proper secretion of saliva and gastric juices and optimum rumeno-reticular and intestinal movements. **MeboGrow** optimises the population and activity of ruminal and intestinal microflora as well as enzymic activity for efficient cellulose break-down and optimum digestion, absorption and utilisation of carbohydrates, proteins and lipids leading to improved feed conversion and farm productivity.

The antistress actions of **MeboGrow** help farm animals to easily adapt and to attain higher threshold level to combat stress due to environmental changes, temperature extremes, rapid growth and other stress conditions. **MeboGrow** helps to keep them calm and stress – free and avoid behavioural problems.

The use of **MeboGrow** helps to improve digestibility of feed as well as digestion, metabolisation and utilization of nutrients at the optimum levels in the tissues to ensure higher growth and production and to improve feed conversion efficiency. The supplementation of **MeboGrow** in high energy animal feed helps to limit the possibilities of ketosis and fatty liver syndrome.

USAGE:**Fattening Calves, Beef Cattle, Lambs, Pigs etc.**

- For optimum growth and body weight gain.
- For improving appetite and digestibility as well as digestion and metabolism and thus improve feed conversion efficiency.
- For keeping the fast growing animal calm and free from stress and behavioural problems as well as to maintain optimum immune-status and livability.

Dairy Animals (Cows, Buffaloes, Sheep and Goats):

- For optimal liver function and glucose synthesis to maximise the production of milk.
- In early lactation and peak production, as an aid to limit the possibilities of impaired metabolism of carbohydrate and volatile fatty acids as well as infiltrations of the liver which lead to acetonemia (Ketosis).
- For optimal liver function, digestion and metabolism especially during last 6 weeks of gestation to limit energy deficit and to minimize the chances of parturition syndromes.
- To help keep the somatic cell count within limits to allow the animal to produce optimum milk.
- As an aid to recovery from the diseases and to protect liver against the damaging effects of mycotoxins, feed contaminants, anthelmintics, antibiotics and other chemical drugs.
- As tonic during convalescence and general debility.

FEED INCLUSION RATE:

1 kg per ton of concentrate feed.

PRESENTATION:

5 kg & 25 kg