



NEWGEN

Hallmark of innovation

METY GOLD™

**Micro-Encapsulated Thermostable Yeast with
energy metabolism regulator**

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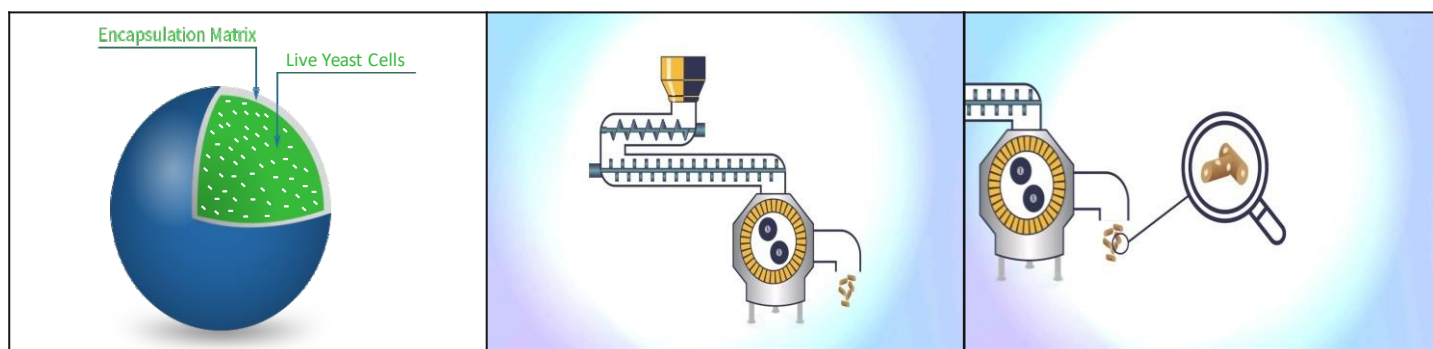
Maximize your cattle feed productivity and profitability.....

There is a necessity in the dairy farms to produce more milk per kg of feed. Cattle Feed industry has suffered through a significant amount of higher grain (Energy feed) prices.

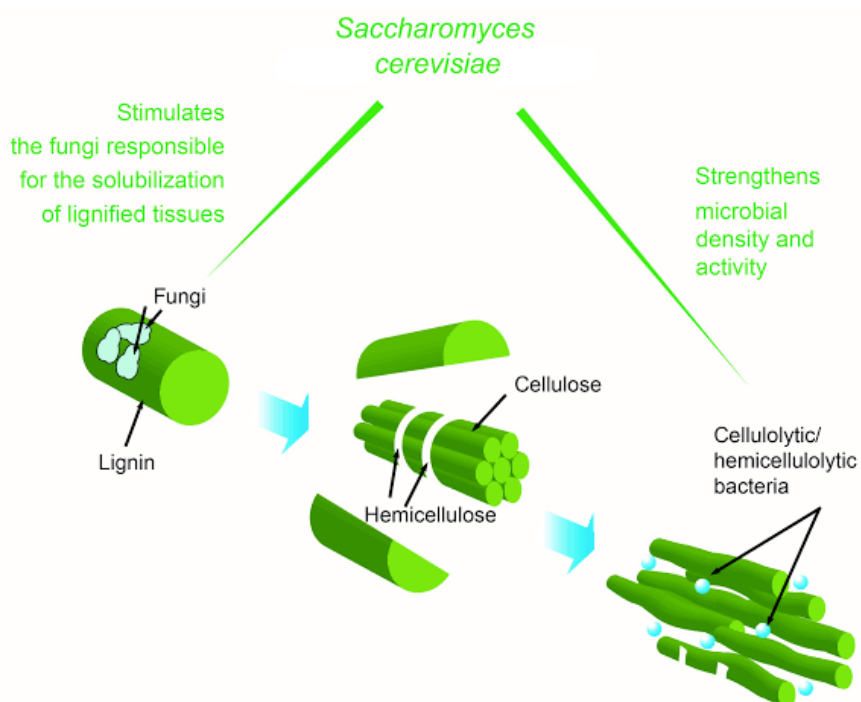
Fiber comprises 30 to 40 % of the ration and it is a major source of energy and important for optimal Ruminant function. Increased fiber digestibility increases the energy available to the cow and microbial protein yield.

Most fibre digestion bacteria are obligatory anaerobes and do not tolerate oxygen, sensitive to low ruminal pH and cannot enter the ruminal cell wall.

Micro Encapsulation Technology



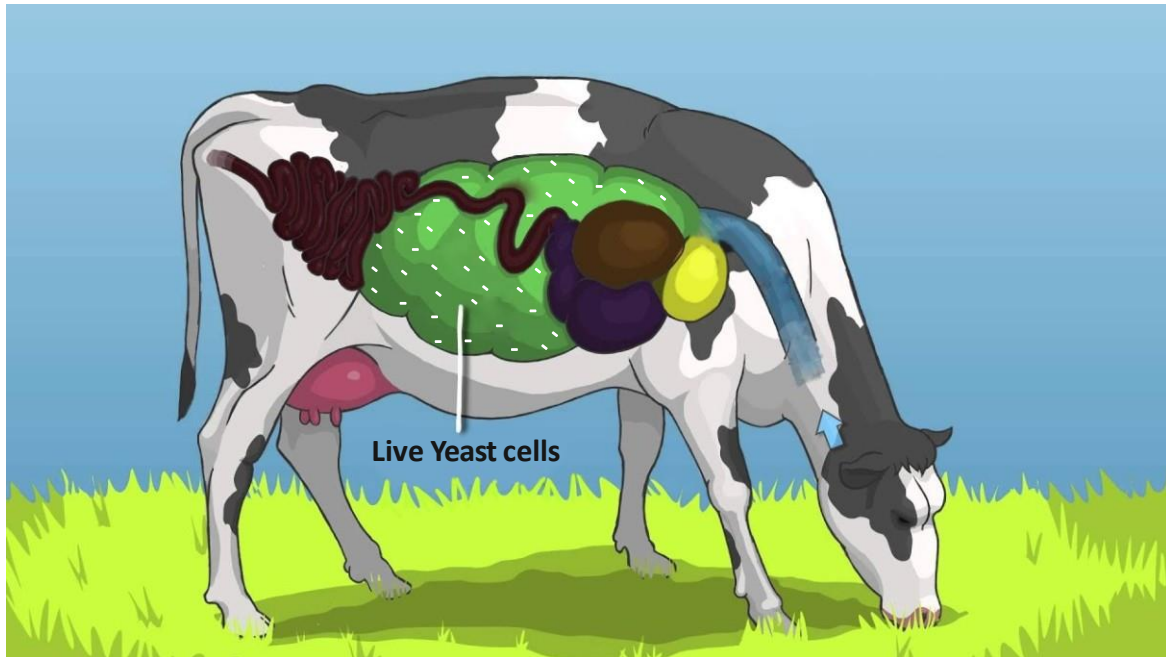
Live yeast cells have oxygen scavenging ability and they stimulate the fungal zoospores which is responsible for the solubilization of the plant fiber so that it facilitates the entry of fiber digesting bacteria into the fiber cell wall.



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In **METY GOLD™** rumen specific live yeast is coated with Micro Encapsulation technology to preserve the viability of Yeast cells in pelleting temperature and coating will release in the rumen, which is the site of action.



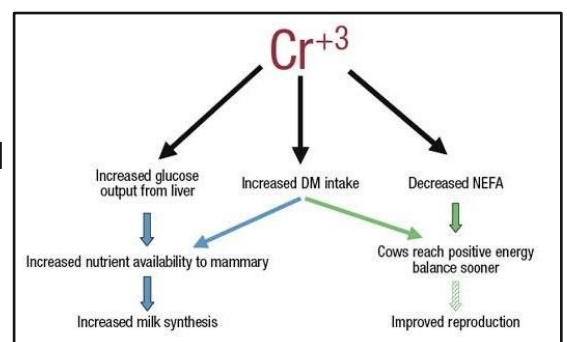
METY GOLD™ contains Enzymes, Organic source of Chromium and Thiamin in Matrix coated TC complex which are observed to play a key role in the carbohydrate, protein and lipid metabolism and also in improving the immune function. Particularly Thiamin plays an important role in glucose metabolism and supplementation of Chromium is proven to be beneficial during early lactation and summer.

Role of Enzymes

- Play a role in degradation of fiber
- Efficient digestion of fiber requires coordinated activities of enzymes. Thereby improving DM digestibility and improvement in feed intake

Role of Thiamine

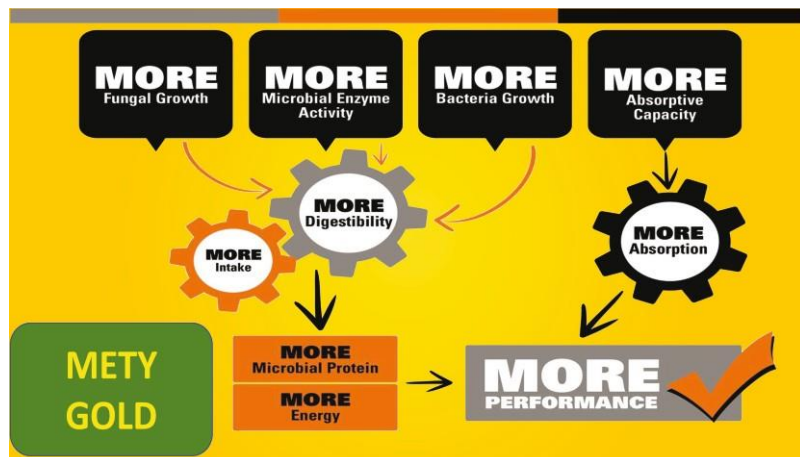
- Thiamine plays a critical role in carbohydrate metabolism in dairy cows.
- When dairy cows are overfed with high-grain diets, Subacute Ruminal Acidosis (SARA) occurs and results in thiamine deficiency.
- Besides, thiamine supplementation has beneficial effects in dairy cows, such as increased milk and component production and attenuated SARA by improving rumen fermentation.



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HOW DOES METY GOLD™ WORK ?



FEATURES

- METY GOLD is designed to withstand the main stress factors encountered to the yeast during pelleting process
- Active in acidic environment where and when yeast action is required.

BENEFITS

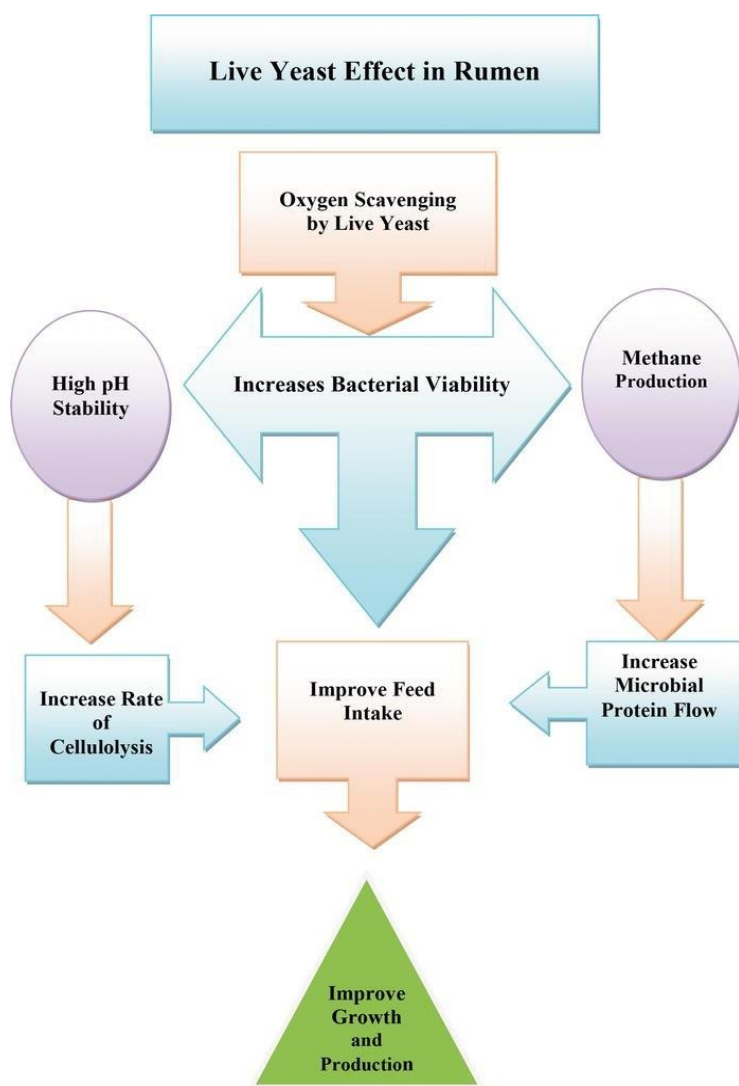
- Improves fiber digestibility and helps optimize ruminal pH
- Improve feed efficiency: more milk is produced per kg of feed intake
- Reduces incidence of Acidosis and Sub-Acute Ruminal Acidosis (SARA)
- Reduce negative energy balance and improves immune function
- Withstand effects of heat stress

RECOMMENDATION

- Dairy Cow / Buffalo : 5.0 gm / animal
- Calf and Heifer : 2 to 4 gm / animal
- Compound feed : 500 gm to 1 kg / ton of pelleted cattle feed or as per the suggestion of the nutritionist

PRESENTATION

METY GOLD™ is available in 5 kg and 25 kg PE lined bags



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