



LIRA GOLD® Original Formula

A Premium Blend of *Saccharomyces cerevisiae*,
Direct Fed Microbials and Digestive Enzymes
for Use in All Classes of Bovine Feeds.



50 lb. bags, 35 lb. pails, 10 lb. show pails

Feeding rate: 1 ounce per cow per day

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- ◆ **Yeast** – Yeast culture and Active dry cell yeast from:
Saccharomyces cerevisiae
 - ◆ **Bacteria** – Host specific digestive bacteria (5):
Lactobacillus acidophilus, *Enterococcus faecium*,
Bifidobacterium thermophilum, *Bifidobacterium longum*,
Bacillus subtilis
 - ◆ **Enzymes** – A full complement of digestive enzymes (8) specifically formulated for cattle and derived from *Aspergillus oryzae* & *Aspergillus niger*:
Amylase, *Protease*, *Hemicellulase*, *Phytase*, *Cellulase*, *Lipase*,
Pectinase, β -*Glucanase*
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Our flagship product for all classes of cattle! LIRA GOLD Original delivers optimal levels of live-cell yeast, direct-fed microbials and digestive enzymes in a palatable granular meal form. It's all in the bag!

LIRA GOLD Original Bovine DFM has the highest guaranteed count (Colony Forming Units: CFU), 807 billion CFU per pound (50.4 billion CFU per ounce), making it the best DFM for your money!

Anecdotal evidence indicates that LIRA GOLD offers the greatest value and advantage during conditions of:

- Heat stress
- Reduced feed intake, decreased DMI
- Transportation stress
- Early lactation weight loss
- High fiber or poor quality feeds
- Following antibiotic therapy
- Problems with heat detection
- Embryo transfer programs

Lira Gold is available in a convenient 10 lb. show pail with a re-closable lid, ideally designed for 4-H and FFA project members. The pails are perfect for feeding calves or other uses around the farm.

ORIGINAL FORMULA

A Premium Blend of *Saccharomyces cerevisiae*, Direct-Fed Microbials and Digestive Enzymes for Use in All Classes of Bovine Feeds.

Guaranteed Analysis:

Total Microbial Count807 Billion Colony Forming Units per pound (50.4 Billion CFU per ounce)
(*Saccharomyces cerevisiae*, *Lactobacillus acidophilus*, *Enterococcus faecium*, *Bifidobacterium thermophilum*, *Bifidobacterium longum* and *Bacillus subtilis*)

Enzyme Activity:

Alpha-Amylase (*Aspergillus oryzae*) min 180,000 µg starch hydrolyzed / minute / pound
 Protease (*Aspergillus oryzae*) min 24,000 µg proteins hydrolyzed / minute / pound
 Hemicellulase (*Aspergillus niger*) min21,600 µg hemicellulose broken down / minute / pound
 Phytase (*Schizosaccharomyces pombe*) min 1,200 µg phytate hydrolyzed / minute / pound
 Cellulase (*Trichoderma longibrachiatum*, *Aspergillus niger*) min9,600 µg cellulose broken down / minute / pound
 Lipase (*Aspergillus oryzae*) min7,200 µg triglycerides hydrolyzed / minute / pound
 Pectinase (*Aspergillus niger*) min4,800 µg pectin broken down / minute / pound
 Beta-Glucanase (*Aspergillus niger*) min 2,100 µg beta glucans hydrolyzed / minute / pound

Ingredients: Yeast Culture, Corn Distillers Dried Grains with Solubles, Dried Molasses, Active Dry Yeast, Dried Kelp, *Yucca schidigera* Extract, Dried *Aspergillus niger* Fermentation Extract, Dried *Aspergillus oryzae* Fermentation Extract, Dried *Lactobacillus acidophilus* Fermentation Product, Dried *Enterococcus faecium* Fermentation Product, Dried *Bifidobacterium thermophilum* Fermentation Product, Dried *Bifidobacterium longum* Fermentation Product, Dried *Trichoderma longibrachiatum* Fermentation Extract, Biotin, Dried *Schizosaccharomyces pombe* Fermentation Soluble, Dried *Bacillus subtilis* Fermentation Product.

Use Directions: *LIRA GOLD® Original* is formulated for use in bovine feeding programs as a supplementary source of live (viable) direct-fed microorganisms and digestive enzymes. Top dress *LIRA GOLD Original* over daily feed or blend in grain concentrate or Total Mixed Ration (TMR) to achieve a daily usage rate of one ounce (28.35 g) per head during transition and lactation. Feeding rate may be safely doubled during pre-fresh and early lactation period if desired. Use the following chart as a blending guide.

Blending <i>LIRA GOLD Original</i> with Feed Concentrate								
Pounds of Feed Concentrate Consumed per Head per Day:	6	8	10	12	15	20	25	30
Pounds of <i>LIRA GOLD Original</i> per ton of Feed Concentrate (1oz/head/day):	20.8	15.7	12.5	10.4	8.3	6.3	5	4.2
Blending <i>LIRA GOLD Original</i> in Total Mixed Rations (TMR)								
Number of Cows Fed per TMR Batch:	50	100	150	200	250	300	500	
Pounds of <i>LIRA GOLD Original</i> per TMR Batch (1oz/head/day):	3.2	6.3	9.4	12.5	15.7	18.8	31.3	

For more specific instructions or instructions pertaining to uses other than indicated, please contact your authorized LIRA GOLD Products Representative.

Lot No:



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