

LIRA BASIC

A Source of Live (Viable) Direct-Fed Microorganisms For Use in Bovine Feeding Programs – Lactation, Dry, and Beef.

50 lb. bags, 10 lb. pails

Feeding rate: ½ to 1 ounce per head per day



- ◆ **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 partial complement of digestive enzymes (5) specifically formulated for cattle and derived from *Aspergillus oryzae*:
Amylase, Protease, Cellulase, Lipase, Pectinase
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Lira Basic delivers a researched level of live-cell yeast, direct-fed microbials and approximately half the level of digestive enzymes as original Lira Gold® in a 1 oz./head/day feeding. Lira Basic is an economic alternative to original Lira Gold® for the producer who desires to enhance rumen function with moderate digestive enzyme activity.

Expected responses from feeding Lira Basic:

- Dairy Cows
 - Enhanced digestive efficiency
 - Improved rumen microbial health
 - “On feed” during times of stress
- Beef Cattle
 - Improved rumen microbial health
 - Higher average daily gain (ADG)
 - Improved feed efficiency (FE)

Additional Product Resources:

- Lira Animal Health Research Reports – [Section 6.2](#)
- Lira Gold DFM Product Brochure (Quantity copies available upon request) [Section 8 pocket](#)
- Lira Animal Health *Family* of Cow DFM products – [Section 8 pocket](#)
- Lira Gold® Fresh Cow Protocol – [Section 8 pocket](#)
- Lira Basic Sell Sheet – [Section 8 pocket](#)

Lira Animal Health Products

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Guaranteed Analysis:

Total Microbial Count 730 Billion Colony Forming Units per pound
(Saccharomyces cerevisiae, Bacillus licheniformis, Bacillus subtilis, Lactobacillus acidophilus, Enterococcus faecium, Bifidobacterium thermophilum, Bifidobacterium longum)

Ingredients: Corn Distillers Dried Grains with Solubles, Ground Limestone, Yeast Culture, Active Dry Yeast, Dried Molasses, Dried Aspergillus oryzae Fermentation Extract, Dried Aspergillus niger Fermentation Extract, Dried Lactobacillus acidophilus Fermentation Product, Dried Enterococcus faecium Fermentation Product, Dried Bifidobacterium thermophilum Fermentation Product, Dried Bifidobacterium longum Fermentation Product, Dried Bacillus licheniformis Fermentation Product, Dried Bacillus subtilis Fermentation Product.

Use Directions: **LIRA BASIC** is formulated for use in Bovine Feeding Programs as a supplementary source of live (viable) direct-fed microorganisms. Top dress **LIRA BASIC** over daily feed or blend in grain concentrate or Total Mixed Ration (TMR) to achieve a usage rate of one-half to one ounce per head daily based on animal class and production stage. Use the following chart as a guideline.

Blending LIRA BASIC with Feed Concentrate								
Pounds of Feed Concentrate consumed per head daily:	6	8	10	12	15	20	25	30
Transition and Lactating Dairy Cows								
Pounds of LIRA BASIC per ton of Feed Concentrate (1 oz/head daily)	20.9	15.7	12.5	10.5	8.4	6.3	5	4.2
Dry Cows (first 30 days dry) and Beef Cattle								
Pounds of LIRA BASIC per ton of Feed Concentrate (1/2 oz/head daily)	10.5	7.9	6.3	5.3	4.2	3.2	2.5	2.1
Blending LIRA BASIC in Total Mixed Rations (TMR)								
Number of Cows Fed per TMR Batch:	50	100	150	200	250	300	500	
Transition and Lactating Dairy Cows								
Pounds of LIRA BASIC per TMR Batch (1 oz/head daily)	3.2	6.3	9.4	12.5	15.7	18.8	31.3	
Dry Cows (first 30 days dry) and Beef Cattle								
Pounds of LIRA BASIC per TMR Batch (1/2 oz/head daily)	1.6	3.2	4.7	6.3	7.9	9.4	15.7	

For more specific instructions, or instructions pertaining to uses other than indicated above, please consult your LIRA ANIMAL HEALTH PRODUCTS sales representative.



FOR ANIMAL USE ONLY • STORE IN A COOL, DRY PLACE OUT OF REACH OF CHILDREN

Manufactured for:

Daniel Baum Company, Inc.
1383 Arcadia Rd, Ste 102 | Lancaster PA, 17601
800-992-3147 • LiraGold.com

Lot No.

Net Weight: 50 lb (22.68 kg)

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