



## LIRA GOLD® Gold-N-Grow

**A Source of Live (Viable) Direct-Fed Microorganisms for Use in Dairy Heifer Replacement and Beef Feedlot Feeding Programs.**



**40 lb. bags, 10 lb. bags**

**Feeding rate:** ½ ounce per head per day from weaning to breeding age or market weight

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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**
  - ◆ **Appetite stimulant** – Proven to increase feed intake!
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LIRA GOLD® Gold-N-Grow has been designed specifically to maximize efficient growth of non-lactating cattle with a full complement of yeast, bacteria, enzymes and a unique appetite stimulant. Whether you are developing replacement dairy heifers or feeding cattle for a harvest market, LIRA GOLD Gold-N-Grow stimulates dry matter intake and enhances rumen efficiency to increase ADG and improve feed efficiency.

Similar to its sister product, LIRA GOLD® E-X-T, LIRA GOLD Gold-N-Grow features the following:

- Longer shelf life from micro-encapsulation
- Rumensin® compatibility
- Research proven results!
- Satisfaction guarantee!

**LIRA GOLD Gold-N-Grow with appetite stimulant:**

- **↑ DMI resulting in ↑ ADG from 5.2% to 15.0%**
- **Improve feed efficiency by up to 11%**

# LIRA GOLD® Gold-N-Grow

**A source of Live (Viable) Direct-Fed Microorganisms and Digestive Enzymes for Use in Dairy Heifer Replacement Feeding Programs.**

**Guaranteed Analysis:**

Total Microbial Count, minimum per pound ..... 800 billion Colony Forming Units  
 (Saccharomyces cerevisiae, Lactobacillus acidophilus, Enterococcus faecium, Bifidobacterium thermophilum, Bifidobacterium longum, Bacillus subtilis)

**Enzyme Activity:**

Amylase (A. oryzae) ..... 180,000 µg starch hydrolyzed per minute per lb  
 Protease (A. oryzae) ..... 24,000 µg proteins hydrolyzed per minute per lb  
 Hemicellulase (A. niger) ..... 19,700 µg hemicellulose broken down per minute per lb  
 Cellulase ..... 9,600 µg cellulose broken down per minute per lb  
 (T. longibrachiatum, A. niger)

**Ingredients:** Dried Corn Distillers Grains with Solubles, Yeast Culture, Dried Molasses, Active Dry Yeast, Natural and Artificial Flavoring, Ground Limestone, Yucca schidigera Extract, 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 Trichoderma longibrachiatum Fermentation Extract, Dried Bacillus subtilis Fermentation Product.

**Use Directions:** *LIRA GOLD Gold-N-Grow* is formulated for use in feeding programs for growing dairy replacement heifers weaning through breeding age as a supplementary source of live (viable) direct-fed microorganisms and digestive enzymes. Top dress *LIRA GOLD Gold-N-Grow* over feed, blend into unpelleted starter grain or total mixed ration (TMR) to achieve a usage rate of one-half ounce per head daily. Use the following chart as a guide.

**Blending LIRA GOLD Gold-N-Grow with starter or grower feed**

Pounds of feed consumed per head daily →	2	4	6	8	10	12
Pounds of Gold-N-Grow per ton of feed concentrate (1/2 oz/head daily)	31.3	15.6	10.4	7.8	6.3	5.2

**Blending LIRA GOLD Gold-N-Grow in Total Mixed Rations (TMR)**

Number of animals fed per TMR batch →	20	40	60	80	100
Pounds of Gold-N-Grow per TMR batch (1/2 oz/head daily)	0.63	1.25	1.88	2.50	3.13

Enclosed scoop holds one-half ounce when level full. For more specific instructions, or instructions pertaining to uses other than indicated above, please consult your Lira Animal Health sales representative.



**A division of Daniel Baum Company, Inc.**  
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**Net Weight 10 lb (4.54 kg) Lot No.**



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

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**Special Notes:**

Can be top-dressed on calf starter to stimulate increased starter intake. Start at 1/8 ounce and gradually increase to 1/2 ounce with increasing starter consumption.