

# LIRA GOLD® Fresh Cow Power Cap-Pak



## LIRA MicroGold NiaStart (1)

A PREMIUM NIACIN AND DIRECT-FED MICROBIAL SUPPLEMENT CAPSULE WITH NIASHURE™ NIACIN, ACTIVE DRY CELL YEAST, BACTERIA AND ENZYMES

## LIRA MicroGold VTM (1)

A PREMIUM VITAMIN-TRACE MINERAL NUTRITIONAL SUPPLEMENT CAPSULE WITH NIASHURE™ NIACIN AND MINERAL PROTEINATES

## LIRA MicroGold D-Cal 710 (2)

A PREMIUM VITAMIN D<sub>3</sub> AND CALCIUM SUPPLEMENT CAPSULE

## LIRA MicroGold CMPK (1)

A PREMIUM CALCIUM, MAGNESIUM, PHOSPHORUS, POTASSIUM AND VITAMIN D<sub>3</sub> SUPPLEMENT CAPSULE

Provide the 5-capsule combination as a nutritional support at calving to reduce nutritional stress.

**Five capsules per fresh cow**  
(At freshening and 24 hours later, if needed)

### Features and Benefits:

#### MicroGold NiaStart

- ◆ **NiaShure™ Niacin** – over 6,000 mg of niacin per capsule from niacin and Niashure™ Niacin.
- ◆ **Active dry cell yeast** – promotes rumen fermentation, appetite and fiber digestion.
- ◆ **Bacteria** – Host specific (ruminant) lactic acid bacteria (6 strains).

#### MicroGold VTM

- ◆ **NiaShure™ Niacin** – 2,000 mg of Niashure™ Niacin and 2,000 mg of niacin per capsule.
- ◆ **Vitamins – A, D<sub>3</sub> and E** – Vitamins A (1,000,000 IU), D<sub>3</sub> (150,000 IU) and E (4,000 IU).
- ◆ **Microminerals** – A full complement of supplemental proteinated microminerals: Cobalt (Co), Copper (Cu), Iron (Fe), Manganese (Mn) and Zinc (Zn) with increased bioavailability.
- ◆ **Selenium yeast** – organic form of highly bioavailable Selenium (Se).

#### MicroGold D-Cal 710

- ◆ **Vitamin D<sub>3</sub>** – 7,000 IU vitamin D<sub>3</sub> per capsule for enhanced calcium utilization.
- ◆ **Calcium** – 10,000 mg from three (3) different sources provides differential availability of calcium.

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## MicroGold CMPK

- ◆ **Vitamin D<sub>3</sub>** – two (2) different sources and 7,000 IU vitamin D<sub>3</sub> for enhanced calcium utilization.
- ◆ **Calcium** – 5,500 mg from three (3) different sources provide rapid and sustained availability of calcium.
- ◆ **Magnesium** – 4,500 mg per capsule.
- ◆ **Phosphorus** – 3,000 mg from two (2) different sources per capsule.
- ◆ **Potassium** – 1,250 mg per capsule.

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Each component of the **LIRA MicroGold Fresh Cow Capsule Power pak {NiaStart, VTM, D-Cal 710, CMPK}** has been selected specifically for its symbiotic relationship with the bovine digestive system. This powerful protocol pak is the innovative industry leader, with micro-encapsulated ingredients for specific release throughout the digestive system where they can offer the most benefit.

**LIRA MicroGold NiaStart** capsule is the innovative industry leader in ingredients that bypass the rumen and provide the most bioavailability to the small intestine; thus, offering the most benefit.

Compare our **LIRA MicroGold VTM** capsule to the little green pepper pill from one of our competitors, and you will find higher levels of fat-soluble vitamins (A, D<sub>3</sub> and E), a full complement of highly bioavailable proteinated microminerals (Co, Cu, Fe, Mn and Zn), and industry-leading levels of two forms of niacin.

Generally, sub-acute milk fever occurs within 14 days of calving and each episode can cost the dairy approximately \$181 (national average; cumulative expense of illness and lost productivity). Use of **LIRA MicroGold D-Cal 710** capsules provides inexpensive insurance against the potentially high costs associated with milk fever.

Use **LIRA MicroGold D-Cal 710** capsules when supplemental vitamin D<sub>3</sub> and calcium supplementation is warranted, at or near calving.

**LIRA MicroGold CMPK** capsules complement the potent ingredients in **LIRA MicroGold D-Cal 710** to reduce the incidence and severity of sub-clinical milk fever not directly attributable to hypocalcemia.

## Special Notes:

**Lira MicroGold capsules fit most standard multi-dose balling guns.**

**Care should be taken to place Lira MicroGold capsules on the back of the animal's tongue and to allow the animal to swallow.**

**Do not administer Lira MicroGold capsules to animals that are unable to swallow.**