



BioFresh[®] Microbial Bolus



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INDIVIDUAL ANIMAL SUPPLEMENT FOR USE DURING TIMES OF STRESS

BioFresh[®] Microbial Bolus is an individual animal supplement for use during stressful times (freshening, sick, off-feed, etc.). Research conducted at Southern Illinois University proves BioFresh Microbial Bolus to be effective in reducing LSCC, days open and services per conception.

Ideal for fresh cows, BioFresh Microbial Bolus supplies critical beneficial bacteria, yeast, vitamins and minerals to supplement a cow's variable intake, and aids in immune function by providing L-form Lactobacillus, microbial sugars and specialized proteins. BioFresh Microbial Bolus triggers a digestive response and boosts a cow's immune system at the highest-stress period in a typical lactation – freshening. BioFresh Microbial Bolus is also beneficial to sick and off-feed cows, as it provides necessary nutritional requirements; and can be used as a supplement for treated cows in combating high somatic cell counts.

RESEARCH

Southern Illinois University

- Administering BioFresh Microbial Bolus for three consecutive days to cows at freshening:
 - Reduced days open by 100 days (from 186 to 86) with a probability of P=0.085.
 - Reduced services per conception by 1.49 days (from 2.68 to 1.19). Results show statistical significance with a probability of P=0.03
- Administering BioFresh Microbial Bolus for three consecutive days to cows with an initial LSCC >5 caused LSCC to decrease one LSCC unit (200,000 cells). Results show statistical significance with a probability of P= .0001.

USE DIRECTIONS

Administer one bolus per head at freshening, during off-feed periods, transporting, and to complement treatment programs. Administer one bolus for 3 consecutive days for high SCC.

PACKAGING

50 (#11011) and 400 (#11012) count containers

STABILITY

Stable for two years. Store in cool, dry place.

INGREDIENTS

Montmorillonite Clay, Kelp, Niacin, Dried *Aspergillus oryzae* fermentation extract, Dried *Trichoderma reesei* fermentation extract, Dried *Candida cylindracea* fermentation extract, Dried *Aspergillus niger* fermentation extract, Yeast Culture, Vitamin A acetate, Wamin D3 supplement, Vitamin B7 (Biotin), Calcium pantothenate, Menadione sodium bisulphite complex (Source of vitamin K), Vitamin B12 supplement, Riboflavin, Thiamine mononitrate, Folic acid, Pyridoxine hydrochloride, Potassium chloride, Potassium iodide, Silicon dioxide, Dried egg product, Zinc proteinate, Copper proteinate, Manganese proteinate, Cobalt glucoheptonate, *Saccharomyces cerevisiae*, dried *Enterococcus faecium* fermentation product, and dried *Lactobacillus acidophilus* fermentation product.

GUARANTEED ANALYSIS

Protease 4,200 HI/T (*A. oryzae*)
Cellulase 4,200 CU (*T. reesei*)
Amylase 5,880 SKB (*A. oryzae*)
Lipase 420 FIP (*Candida cylindracea*)
Pectinase 84 ENDO-PG (*A. niger*)
Total microbial activity: 9×10^9 CFU (*E. faecium*, *L. Acidophilus*, *S. cerevisiae*)



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