



# BioFresh® Bolus



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## INDIVIDUAL ANIMAL SUPPLEMENT FOR USE DURING TIMES OF STRESS

A super concentrated form of Select BioCycle™, BioFresh® Bolus is an individual animal supplement for use during stressful times (freshening, sick, off-feed, etc.). Research conducted at Southern Illinois University proves BioFresh Bolus to be effective in reducing LSCC, days open and services per conception.

Ideal for fresh cows, BioFresh Bolus supplies critical 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 Bolus triggers a digestive response from its yeast and enzymes and boosts a cow's immune system at the highest-stress period in a typical lactation – freshening. BioFresh 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 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 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

One bolus per head per day for three consecutive days.

### PACKAGING

25 (#11010), 50 (#11011) and 400 (#11012) count containers

### STABILITY

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

### INGREDIENTS

Montmorillonite Clay, Kelp, Niacin, Yeast Culture, Vitamin A acetate, Vitamin 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, and *Saccharomyces cerevisiae*.

### GUARANTEED ANALYSIS

Protease (*Aspergillus Oryzae*).....28,000 ug of protein hydrolyzed/minute/gm  
Hemicellulase (*Trichoderma reesei*).....12,000 ug of hemicellulose broken-down/minute/gm  
Amylase (*Aspergillus oryzae*).....6,000 ug of starch hydrolyzed/minute/gm  
Cellulase (*Aspergillus reesei*).....5,000 ug cellulose broken-down/minute/gm



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