



# Select BioCycle® Plus



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## A COMPLETE APPROACH TO FEED AND HERD PERFORMANCE CHALLENGES

Many dairy supplements belong to a product class called direct-fed microbials (DFM). Such products assist animals by repopulating stressed digestive systems. Typically, they contain supplemental yeast and naturally occurring freeze-dried microorganisms. Most commercial products have some positive affect, however shelf life and feedstuff compatibility have been challenges facing these products. Often conventional DFMs are full potency in the manufacturer's package but not able to survive when mixed in the ration for extended periods. With the increased presence of mold-challenged feeds, the typical DFM offers little or no protection.

Select BioCycle Plus® (BCP) is a complete product that combines the benefits of Select BioCycle and Select DTX™ and is recommended when there is a combination of breeding, production and herd health problems stemming from mold-driven problems. The BioCycle line is more effective than other DFMs due to the presence of L-form bacteria. The L-form bacteria found in the BioCycle line are unequaled among DFM products. Stripped of their cell walls, they are much more active than their less-developed relatives. Because they are dormant until consumed, L-form bacteria have an excellent shelf life and survive when mixed with high mineral feed ingredients; allowing them to reach the lower digestive system unharmed.

**RESEARCH** University of Florida, North Florida Holsteins, Dr. Mary Beth Hall

**USE DIRECTIONS** Mix BioCycle Plus into dairy feeds at a rate of one-half (½) ounce per head per day.

**PACKAGING** 50 lb. box (#9095)

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

**INGREDIENTS** Montmorillonite clay, calcium carbonate, silicon dioxide, *Saccharomyces cerevisiae* (active dry yeast), yeast culture, sugars, malic acid, potassium, iodide, dried egg product, dried *Aspergillus oryzae* fermentation extract, propionic acid, dried *Bacillus subtilis* fermentation product, dried *Lactobacillus acidophilus* fermentation product, tartaric acid, lactic acid, citric acid, aspartic acid.

**GUARANTEED ANALYSIS**  
(per 1/2 ounce dose)

fungus amylase ( <i>A. oryzae</i> ).....	7,000 SKB/g
fungus protease ( <i>A. oryzae</i> ).....	5,000 HUT/g
lipase ( <i>Candida cylindracea</i> ).....	500 FIP/g
cellulase ( <i>T. reesei</i> ).....	5,000 CU/g
pectinase ( <i>A. niger</i> ).....	100 ENDO-PG/g
<i>Bacillus subtilis</i> (min).....	50 x 10 <sup>6</sup> cfu/g



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