



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 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, Tartaric Acid, Lactic Acid, Citric Acid.

GUARANTEED ANALYSIS

(per 1/2 ounce dose)

Protease (<i>Aspergillus oryzae</i>).....	3,500 ug protein hydrolyzed/minute/0.5oz
Hemicellulase (<i>Trichoderma reesei</i>).....	1,500 ug of hemicellulose broken-down/minute/0.5oz
Amylase (<i>Aspergillus oryzae</i>).....	750 ug starch hydrolyzed/minute/0.5oz
Cellulase (<i>Aspergillus reesei</i>).....	625 ug cellulose broken-down/minute/0.5oz
<i>Bacillus subtilis</i> (Min)	50 x 10 ⁶ cfu/g



Select BioCycle™ Plus Concentrate



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RESEARCH

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

USE DIRECTIONS

Mix BioCycle Plus Concentrate into dairy feeds at a rate of 10 grams per head per day.

PACKAGING

50 lb. bag (#9199)

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, Tartaric Acid, Lactic Acid, Citric Acid.

GUARANTEED ANALYSIS

(per 10 gram dose)

Protease (<i>Aspergillus oryzae</i>).....	3,500 ug protein hydrolyzed/minute/10gm
Hemicellulase (<i>Trichoderma reesei</i>).....	1,500 ug of hemicellulose broken-down/minute/10gm
Amylase (<i>Aspergillus oryzae</i>).....	750 ug starch hydrolyzed/minute/10gm
Cellulase (<i>Aspergillus reesei</i>).....	625 ug cellulose broken-down/minute/10gm
Malic acid (Min).....	0.6%
<i>Bacillus subtilis</i> (Min).....	50 x 10 ⁶ cfu/g



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