

L-Form *Lactobacillus*, Cutting-Edge Technology

The secret to the success of the Agrarian product line is the cell-wall deficient (L-Form) bacteria-based technology. 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 and ready to go to work to enhance health, performance, and reproductive efficiency in livestock.

Each product contains a range from a single L-Form *Lactobacillus* to a highly complex formula containing yeast culture, active dry yeast, enzymes, microbial sugars, specialized proteins and rumen-protected minerals. These direct-fed microbial products are unique to the market.

To learn more about this revolutionary technology visit www.agrarianmarketing.com.

For more details or to purchase Agrarian Products, contact the U.S. supplier - Select Sires.



(614) 873-4683
www.selectsires.com



Simple Solutions to Complicated Problems

The Select BioCycle™ Family of Products

Select Sires' mission is to enhance the profitability of dairy and beef producers. We are committed to be the premier provider of highly fertile, superior genetics accompanied by effective reproductive and herd-management products and services.

True to this mission, in 1997 Select Sires partnered with Agrarian Marketing Corporation® to offer a unique product line to assist our customers in gaining the most from their genetic investment. The Agrarian family of products is all based on cutting-edge technology and a unique L-form lactic acid bacteria that is proprietary to Agrarian. These bacteria, along with the other specialized ingredients, enhances the animal's immune system.

Read on to learn how to put this family of products to work in your herd to improve calf performance, reproduction, production and profitability.



Superior Protection for Your Genetic Investment

CONVERT Calf Care Products

CONVERT™ ImmPower Colostrum™ Replacement

- **Key Ingredients** – Globulin proteins, specialized proteins, fat, vitamins and minerals
- **Focus** – Colostrum replacement or supplement for newborn calves
- **Feeding Rate** – Single dose packet (100 grams globulin protein) or bulk pail that allows you to vary the dose from 50 grams globulin protein supplement to 200 grams for replacement



CONVERT™ Powder

- **Key Ingredients** – Blend of naturally occurring direct-fed microorganisms, L-form *Lactobacillus*, microbial sugars, enzymes and specialized proteins
- **Focus** – Healthy Calves
- **Feeding Rate** – Up to four scoops at birth and then one dose per day for 20 days added to milk or milk replacer



CONVERT™ Gel or Bolus

- **Key Ingredients** – The same important ingredients as Convert powder in an extremely concentrated form
- **Focus** – Newborns and individual calves faced with environmental challenges
- **Feeding Rate** – Five to 15 cc of gel or one bolus (can be used instead of Convert powder at birth and then use powder for 20 days)

Direct Fed Microbials

Much more than a microbial, the BioCycle family of products is based on cutting-edge technology and proprietary L-form *Lactobacillus*. Often you cannot maximize your herd's performance, reproduction, and genetic potential because of the animal's inability to deal with stress. The L-form *Lactobacillus*, along with the other specialized ingredients, enhance an animal's immune system to overcome the negative effects of everyday challenges and stress. Since Select Sires began marketing this unique product line in 1997, thousands of dairy producers have seen impressive results, including improved reproductive performance, lower Somatic Cell Counts (SCC), metabolic efficiency, and healthier calves. Two of the products (Select DTX and Select BioCycle Plus) are formulated to specifically counter the debilitating effects of mold related challenges.

Select BioCycle™

- **Key Ingredients** – Two types of L-form *Lactobacillus*, two sources of yeast, four digestive enzymes, microbial sugars and specialized proteins
- **Focus** – Excellent direct-fed microbial, aiding in boosting immune function, digestion and everyday environmental challenges
Producers report increased estrus expression.
- **Feeding Rate** – ½ ounce per head per day



Select DTX™

- **Key Ingredients** – Specific L-form *Lactobacillus*
- **Focus** – Proven to be effective in neutralizing the damaging effects of mold related challenges. Fed to dry cows and heifers.
- **Feeding Rate** – ½ ounce per head per day
When feed related challenges are extreme, use DTX in addition to a single dose of BioCycle Plus to the milking herd.



Select BioCycle Plus™

- **Key Ingredients** – The best of both BioCycle and DTX
- **Focus** – Lactating dairy cows exposed to feed challenges
When mold related challenges are extreme, the addition of DTX is recommended
- **Feeding Rate** – ½ ounce per head per day



BioCycle Showcase Formula™

- **Key Ingredients** – Concentrated form of BioCycle supplemented with *Bacillus subtilis*
- **Focus** – Getting show calves growing and keeping them on feed during the show
- **Feeding Rate** – ¼ - ½ ounce per head per day



Fresh Cow Solutions

Two key sources of stress for a dairy animal are at calving/birth and when exposed to environmental mastitis challenges. Select Sires offers the following products to help your cows and valuable herd replacements "bounce back" and thrive during these critical times.

BioFresh® Bolus

- **Key Ingredients** – 8X dose of BioCycle with added vitamins and minerals
- **Focus** – Assists Somatic Cell Count (SCC) by boosting the immune functions of cows affected with environmental mastitis challenges.
The direct-fed microbial action gets fresh cows on feed faster, reducing potential metabolic disorders and Displaced Abomasums (DAs)
- **Feeding Rate** – One bolus per day for three days at freshening



BioFresh® Plus Soluble

- **Key Ingredients** – Equivalent active ingredients of one BioFresh bolus, one tube of calcium gel and a high level of niacin
This concentrated powder mixes easily in water or propylene glycol for energy.
- **Focus** – Fresh cow metabolic disorders
- **Feeding Rate** – Three ounces per day for up to three consecutive days post freshening

Proven Performance

Thousands of dairy and beef producers have seen the results from this family of direct-fed microbial products and report:

- Stronger heats
- Improved reproductive performance
- Lower somatic cell counts
- Higher fat test
- Better feed utilization
- Fresh cows off to a better start
- Less metabolic problems
- Healthier calves

