



# Defend & Protect Dairy Program

● = Use when challenging events occur  
 ▬ = Add to the daily ration to **address** challenges & enhance performance

AGRARIAN PRODUCTS	DAY 1 TO WEANING	WEANING	POST WEANING	CALVING	LACTATION	DRY PERIOD	PRODUCT USAGE SCENARIOS
<b>CONVERT™ Gel/Bolus</b>	● ●	●					<b>Use For Any Calf Challenge:</b> Birth, electrolyte therapy, antibiotic therapy, off-feed periods, environmental stress, and weaning
<b>CONVERT™ BIG Calf Powder</b>	▬						<b>Daily Use For Calf Challenges:</b> Easily mixed into whole milk/replacer (Same ingredients as Convert Gel / Bolus)
<b>Ca3 BioFresh® Bolus</b>				● ● 12 hour period between doses			<b>Use For Calving Challenge:</b> Decrease the presence of Hypocalcemia and improve blood calcium levels
<b>BioFresh® Microbial Bolus/Gel</b>			● ●	● ●	● ●	● ●	<b>For Any Challenge Event:</b> Increase feed intake, re-establish microbial balance, and support immune function during challenging periods
<b>DTX™</b> <i>"We Have Mycotoxins"</i>			▬				<b>Use Daily For Mycotoxin Challenges:</b> Alleviate mycotoxin challenges, improve immune response, and enhance performance
<b>BioCycle®</b> <i>"Life Is Good"</i>			▬				<b>Use For Production or Immune System Challenges:</b> Enhance immune function, target pathogens, and enhance ruminal fermentation
<b>BioCycle® Plus</b> <i>"We Need Some Help"</i>			▬				<b>Use For Mycotoxin or Immune System Challenges:</b> Enhance immune function, ruminal fermentation, and performance. Also, alleviates mycotoxin challenges and targets pathogens

## CONVERT™ Gel/Bolus

Contains a blend of direct-fed microorganisms, L-form bacteria, and pathogen-focused proteins to manage production challenges without antibiotics, ensuring safety and effectiveness.

## CONVERT™ BIG Calf Powder

Supports gut health, immune function, and nutrient absorption with beneficial bacteria, enzymes, and pathogen-focused proteins.

## Ca3 BioFresh® Bolus

Provides balanced calcium with varied release rates and vitamin D3, ensuring effective, non-irritating supplementation with easy and economical application.

## BioFresh® Microbial Bolus/Gel

Enhances ruminal pH and fermentation, boosts intestinal health, reduces pathogens, and supports immune function with beneficial bacteria, yeast, enzymes, vitamins, and pathogen-focused proteins.

## DTX™

Utilizes unique L-form bacteria and a proprietary blend of plant actives to combat mold-related feed issues, improving immune response, feed intake, milk production, and reproductive health.

## BioCycle®

Combines L-form bacteria, yeast, enzymes, pathogen-focused proteins and nutrients to enhance gut microflora, metabolism, and nutrient digestion, addressing unexpected challenges.

## BioCycle® Plus

Integrates the benefits and ingredients of BioCycle and DTX with powerful L-form bacteria and a proprietary blend of plant actives to tackle mold-related feed issues, ensuring effective reproduction, production, and health.