Feed Preservation & Improvement Program

Your harvested silage is “inoculated” whether you apply an inoculant product or not. Native bacteria such as Clostridium, Escherichia, Klebsiella, molds and yeasts are ever-present, naturally working to spoil your efforts to put up quality feed. Making quality ensiled forages requires using all the tools at your disposal: a solid agronomic program, harvesting at optimal moisture content, timely and well-coordinated chopping, processing, delivery and packing, and finally, use of a quality inoculant to help drive a robust fermentation and improving odds for quality results. Furst-McNess offers a 3-Goal Feed Preservation and Improvement Program, flexible to meet your needs as you define them.

GOAL 1
Robust Fermentation
Microsile

A highly active, water soluble combination of lactic acid bacteria and microbial stimulants specifically designed to drive a rapid fermentation. Combined with your good management, Microsile effectively preserves the dry matter, nutrients, palatability and profitability of your forage program.

GOAL 2
Fermentation + Bunk Stability
Silage Starter Pro-B

A highly active, water soluble combination of lactic acid bacteria, microbial stimulants, sugar-producing enzymes and an acetic acid bacteria specifically designed to drive a rapid fermentation AND optimum silage stability; from the “front-end” anaerobic phase through to the “back-end” aerobic phase at feed-out. Combined with your goo management, Silage Starter Pro-B effectively preserves the dry matter, nutrients, palatability, stability and profitability of your forage program.

GOAL 3
Fermentation + Bunk Stability
+ Increased Energy
Silage Starter Advance

A highly active, water soluble combination of lactic acid bacteria, microbial stimulants, sugar-producing enzymes and an acetic acid bacteria designed to drive a rapid fermentation and optimum silage stability. Added crop-specific enzymes, which free cellulose from lignin increasing the NDF digestibility of the forage. Combined with your good management, Silage Starter Advance effectively preserves the dry matter, nutrients, palatability, stability, digestibility and profitability of your forage program form the “front-end” anaerobic phase to the “back-end” aerobic phase at feed-out.

Feed Preservation & Improvement Program

Solution	GOAL 1 Robust Fermentation **MicroSile**	GOAL 2 Fermetation + Bunk Stability **Silage Starter Pro B**	GOAL 3 Fermentation + Bunk Stability + Increased Energy **Silage Starter Advance**
Benefits	● Stimulants kick start fermentation ● Exceptional lactic acid production drops pH fast: • Stops growth of pathogens and silage-spoiling organisms • Improves palatability by preventing formation of unpalatable compounds • Preserves more dry matter, minimizing losses • Increases nutrient retention and quality for optimal feed value • Inhibits the crop's natural protein degrading enzymes (ammonia formers)	All the benefits of MicroSile, plus: ● Bacterial stimulants kick start bacteria and drive a robust fermentation ● Improved aerobic stability AND control of spoilage organisms at feed-out ● Inoculant color aids visibility, safeguarding that inoculant is flowing to the crop ● Backed by science and practical experience	All the benefits of MicroSile and Silage Starter Pro-B, plus: ● Increased NDF digestibility and total energy content ● Supports feed intake and milk production potential
Crop	All forage crops and high-moisture grains	All forage crops and high-moisture grains	Crop specific enzymes and bugs for corn, alfalfa or grass silage crops
Microbial Stimulants	Yes	Yes	Yes, plus added microbial stimulants to aid in rapid activation of bacteria
Stains of Lactic Acid Bacteria	3	4	3
Enzymes	No	Yes, with targeted sugar-releasing activities	Yes, with targeted sugar-releasing activities
Water Soluble	Yes	Yes	Yes
Granular Option	No	Yes	No
CFUs/g of Inoculated Silage	100,000	150,000	150,000

McNess Inoculant products include Core Technologies provided by Micron Bio-Systems

μ micron CORE TECHNOLOGY

McNess

FURST-MCNESS COMPANY

Feed Preservation & Improvement Program

Product Codes:

Product Name	Product Code for 50-treated tons	Product Code for 200-treated tons	Product Code for 500-treated tons
Microsile	SSM050	SSM200	SSM500
Silage Starter Pro-B	SSP050	SSP200	SSP500
Silage Starter Pro-B Granular	SSP450	–	–
Silage Starter Pro-B Organic	PBORG050	PBORG200	PBORG500
Silage Starter Advanced – Corn/Cereal	SSC050	SSC200	SSC500
Silage Starter Advanced –Grass	SSG050	SSG200	SSG500
Silage Starter Advanced – Legume	SSL050	SSL200	SSL500
Silage Starter Advanced – Tropical Grass	SST050	SST200	SST500

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Profesh Plus

PRESERVATION OF QUALITY

- Profresh Plus is a dry 50% Buffered Propionic Acid preservative that delivers both quick, knockdown and timed-release control over molds and yeasts
- Designed for TMR and Grain Mixes
- Improves stability of TMRs, silages and processed feeds
- Supports feed intakes
- Maintains quality of amino acids, vitamins and fatty acids
- Prevents slug feeding and associated digestive upsets
- Restricts the formation of anti-immune factors

Usage Rate:

Feed Type	Feeding Rate*	Per
TMR/Silage	3-5 lbs	Ton
High-Moisture Corn (<23% moisture)	5 lbs	Ton
Mixed Feeds	3 lbs	Ton
Processed/Texturized Feeds	5 lbs	Ton
Capping of Silage units (bags, silos, piles, bunkers)	1 lb	Sq Yd Surface Area

* Rates may vary depending on moisture content, storage time and presence of oxygen.

Product Code:
SIM120 50 pound bag

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