

# Feed Preservation & Improvement Program



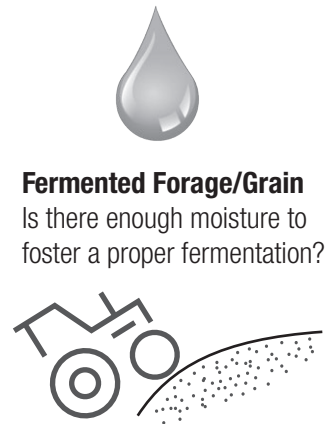
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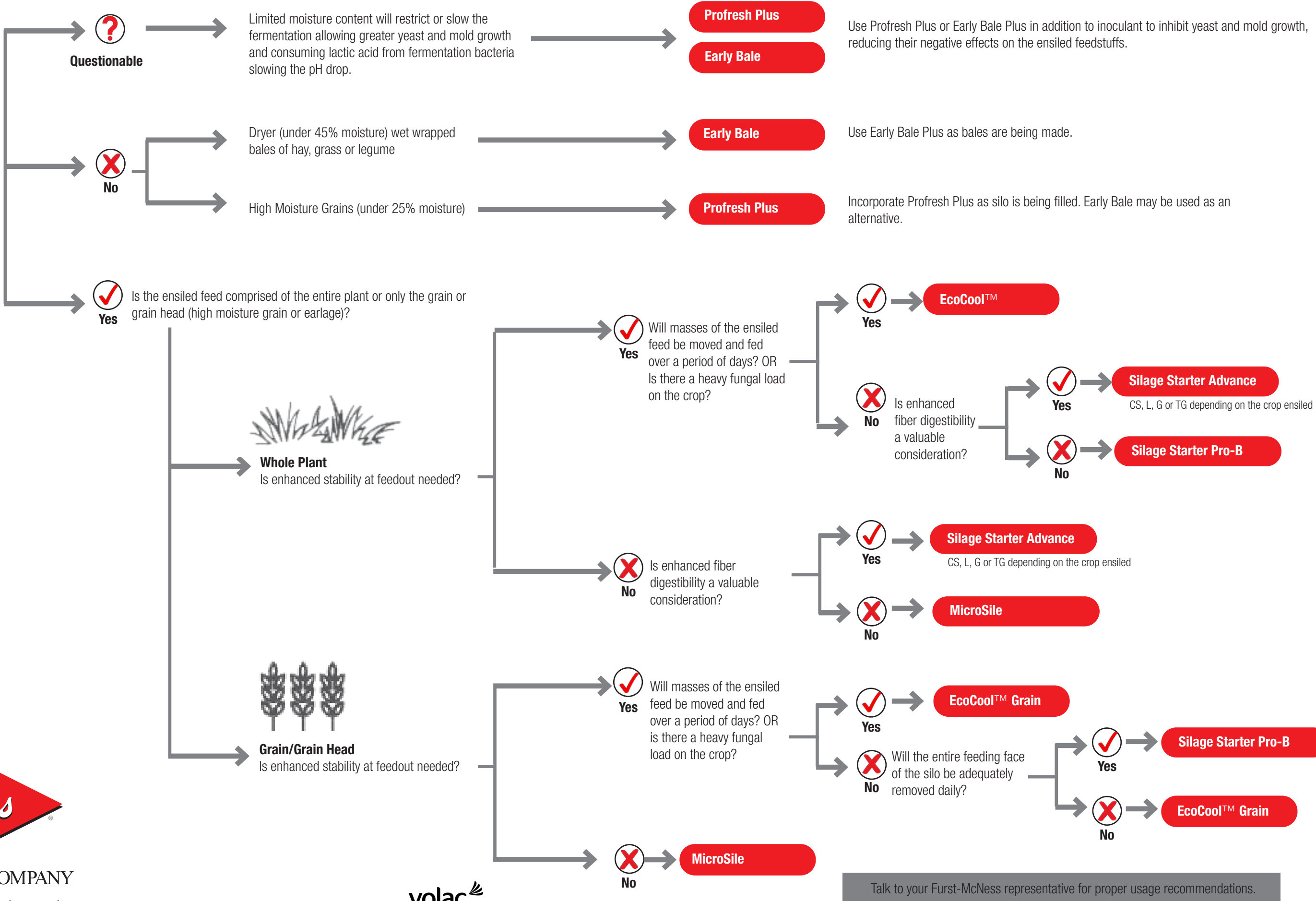


FURST-McNESS COMPANY

Fermented Forage/Grain Decision Flowchart



**Fermented Forage/Grain**  
Is there enough moisture to foster a proper fermentation?



FURST-MCNESS COMPANY  
*Serving those who feed the world*

McNess Silage Inoculant Products contain **volac** *Smart Science™*

Talk to your Furst-McNess representative for proper usage recommendations.

## Fermented Forage/Grain Comparison Chart

	GOAL 1 Robust Fermentation	GOAL 2 Fermentation + Bunk Stability	GOAL 3 Fermentation + Bunk Stability + Increased Energy																				
Solution	MicroSile	Silage Starter Pro B	Silage Starter Advance																				
Benefits	<ul style="list-style-type: none"> <li>Stimulants kick start fermentation</li> <li>Exceptional lactic acid production drops pH fast:               <ul style="list-style-type: none"> <li>Stops growth of pathogens and silage-spoiling organisms</li> <li>Improves palatability by preventing formation of unpalatable compounds</li> <li>Preserves more dry matter, minimizing losses</li> <li>Increases nutrient retention and quality for optimal feed value</li> <li>Inhibits the crop's natural protein degrading enzymes (ammonia formers)</li> </ul> </li> </ul>	All the benefits of MicroSile, plus: <ul style="list-style-type: none"> <li>Bacterial stimulants kick start bacteria and drive a robust fermentation</li> <li>Improved aerobic stability AND control of spoilage organisms at feed-out</li> <li>Inoculant color aids visibility, safeguarding that inoculant is flowing to the crop</li> <li>Backed by science and practical experience</li> </ul>	All the benefits of MicroSile and Silage Starter Pro-B, plus: <ul style="list-style-type: none"> <li>Increased NDF digestibility and total energy content</li> <li>Supports feed intake and milk production potential</li> </ul>																				
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																				
Stains of Lactic Acid Bacteria	3	4	4																				
Enzymes	No	Yes, with targeted sugar-releasing activities	The enzymes in Advance are geared towards improving fiber digestibility for the crop type that the product is applied on, providing additional sugars for the brevis as a beneficial by-product																				
Water Soluble	Yes	Yes	Yes																				
Granular Option	No	Yes	No																				
CFUs/g of Inoculated Silage	100,000	150,000	150,000																				
Product Codes	SSM050: 50-treated tons SSM200: 200-treated tons SSM500: 500-treated tons	SSP050: 50-treated tons SSP200: 200-treated tons SSP500: 500-treated tons <b>Granular:</b> SSP450: 50-treated tons	<table> <tr> <th>Type</th><th>50 treated tons</th><th>200 treated tons</th><th>500 treated tons</th></tr> <tr> <td>Corn/Cereal</td><td>SSC050</td><td>SSC200</td><td>SSC500</td></tr> <tr> <td>Grass</td><td>SSG050</td><td>SSG200</td><td>SSG500</td></tr> <tr> <td>Legume</td><td>SSL050</td><td>SSL200</td><td>SSL500</td></tr> <tr> <td>Tropical Grass</td><td>SST050</td><td>SST200</td><td>SST500</td></tr> </table>	Type	50 treated tons	200 treated tons	500 treated tons	Corn/Cereal	SSC050	SSC200	SSC500	Grass	SSG050	SSG200	SSG500	Legume	SSL050	SSL200	SSL500	Tropical Grass	SST050	SST200	SST500
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## Profresh 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

Product Code:  
SIM120 50 pound bag

FPIP-B-J3123

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**Smart Science™**

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.