

Silage Inoculant Solutions That Work as Hard as You Do

At ProbioFerm, we combine **decades of fermentation expertise** with a **customer-first approach** to deliver silage inoculant solutions that drive results in the field. Whether you're looking for high-performance microbial concentrates designed for subsequent blending operations or ready-to-use, private-labeled products, our team is here to help you build a product that performs — **every time**.

Explore Our Proven Culture Portfolio

At ProbioFerm, every culture begins with science and ends with performance you can count on.

Our collection of **characterized microbial strains** is designed to support optimal fermentation, nutrient preservation, and feed quality across a variety of forages and operating conditions. Each strain is backed by real-world applications, ensuring consistent results from lab to field.

Below, you'll find a selection of our most trusted cultures, complete with **technical specifications** and **key benefits** to help you choose the best solution for your specific needs.

Concentrated Cultures

Our silage inoculant concentrates are available in a variety of formats and can be tailored to fit your exact specifications. From **single-strain cultures** to **multi-strain blends**, each concentrate is engineered to support consistent, efficient fermentation across a wide range of forages. Every formula is backed by science — featuring **highly viable homofermentative** or **heterofermentative microbial cultures** and **specialized enzymes** that help preserve nutrient value and improve silage quality.

Private-Labeled Silage Inoculants

Bring your brand to life with our ready-to-use silage inoculants. ProbioFerm offers both **dry-applied and water-soluble formulations**, packaged and labeled to your specifications. Our flexible production and packaging capabilities make it easy to scale — whether you're launching a new product or expanding an existing line. We take pride in providing **innovative, reliable, and cost-effective solutions** that help your brand stand out and your customers succeed.

Let's Build Better Cultures Together

Contact Us

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Bacteria & Enzyme Portfolio

Primary Inoculant Bacteria

STRAIN	PRIMARY ROLE	BEST USES	KEY BENEFITS
E. faecium PF7100	Rapid initiator of fermentation	Haylage, corn silage, high-moisture grains	Fast pH drop; suppresses spoilage organisms; cleaner fermentation
L. plantarum PF7102	Core lactic acid fermenter	Haylage, corn silage, small grains, mixed forage	Sharp pH decline; nutrient retention; stable fermentation
P. acidilactici PF7103	Stress-tolerant fermenter	Drier haylage, heat-stressed or variable moisture crops	Consistent under stress; improved palatability; reduced losses
L. lactis PF7114	Dual-mode fermenter	High-moisture forages, legumes	Suppresses clostridia; extends bunk life
L. buchneri PF7144	Aerobic stability specialist	Large piles, bunkers or bags	Converts lactic acid to acetic acid; inhibits yeast/mold; reduces heating
L. brevis PF7107	Stability and fiber enhancement	Forages exposed to air; mixed blends	Improves fiber use and palatability; reduces spoilage

Primary Inoculant Enzymes

ENZYME	FUNCTION	BEST USES
Hemicellulase	Breaks down hemicellulose to improve digestibility	Corn silage, sorghum, grasses, small grains
Amylase	Converts starches to sugars for faster fermentation	Corn silage, sorghum, small grains, high-moisture crops
Cellulase	Hydrolyzes cellulose for better nutrient access	Corn residues, sorghum, warm-season grasses

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