



EnsilaBac

SILAGE INOCULANT

MAXIMISE YIELD • IMPROVE QUALITY • BOOST PROFIT

BIOLOGICAL SOLUTIONS FOR BETTER SILAGE



ENHANCED
FERMENTATION



HIGHER FEED
QUALITY



REDUCED LOSSES
& SPOILAGE



MORE PROFIT
PER TON

BY
AGRIBAC

NATURALLY BETTER.
SUSTAINABLY STRONGER.



EnsilaBac

SILAGE INOCULANT

By
AGRIBAC



POWERFUL FERMENTATION. **BETTER SILAGE.** STRONGER ANIMALS.

With >500 000 live bacterial cells per gram of silage, Agribac offers EnsilaBac, a bacterial inoculant that produces lactic acid for stable, nutrient-rich silage, quickly lowering its pH.



BIO INOCULANT BACTERIA

- Improved Fermentation Process
- Enhanced Nutritional Value
- Reduced Spoilage & Waste
- Improved Animal Performance



NUTRIENT-RICH FEED

- Improved Digestibility
- Rumen Health
- Consistent Feed Quality



BIOLOGICAL PROPERTIES OF MICRO-ORGANISMS ECOSYSTEM

- Dominates harmful bacteria
- Stabilises fermentation
- Supports a healthy silage ecosystem



MORE PROFIT PER TON

- Higher dry matter recovery
- More palatable feed
- Better animal intake
- More milk, meat & growth



EnsilaBac is suitable for a wide variety of crops, including:
Maize, sorghums, oats, strolling rye, rye, smutsfinger etc.

A marked increase in palatability has been shown in roughage bales treated with EnsilaBac. We advise adding 2–5% sugar source eg molasses to bales to aid in fermentation of low-sugar crops.



EnsilaBac-L

LIVE BACTERIAL SILAGE INOCULANT



NATURALLY
BETTER.



SUSTAINABLY
STRONGER.



HEALTHIER
ANIMALS.



BETTER SILAGE.
BETTER YIELDS.

CUT COSTS, MINIMISE LOSSES AND PROTECT YOUR INVESTMENT.

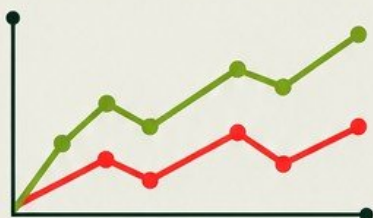
↓
25%
reduction
in cost



NUTRITIONAL CONTENT AND PRESERVATION

High-quality silage preserved with EnsilaBac is rich in essential nutrients including **carbohydrates, proteins, vitamins, and minerals.**

It provides a balanced diet crucial for animal health and growth. EnsilaBac ensures these nutrients are retained and not lost through poor fermentation or exposure to air, which can lead to oxidation and nutrient degradation.



PRESERVE OVER
95%
OF SILAGE
NUTRIENTS



PREVENTION OF HARMFUL MICROBIAL GROWTH AND MYCOTOXINS

EnsilaBac-treated silage inhibits harmful microorganisms like Clostridia, Listeria, or E. coli, commonly found in poorly fermented or contaminated silage. It also reduces mycotoxin contamination from mold growth. This prevention is crucial for animal safety.



INHIBITS HARMFUL
BACTERIA



REDUCES
MYCOTOXINS



IMPROVES
SILAGE SAFETY



BETTER HEALTH,
BETTER RETURNS



EnsilaBac-L
BACTERIAL SILAGE INOCULANT



MAXIMISE
NUTRITION



MINIMISE
LOSSES



PROTECT YOUR
INVESTMENT



HIGHER PROFITS,
HEALTHIER ANIMALS



EnsilaBac-L

BACTERIAL SILAGE INOCULANT



HEALTH BENEFITS

Agribac offers EnsilaBac a bacterial inoculant that produces lactic acid for stable, nutrient-rich silage, quickly lowering its pH.



DIGESTIBILITY, FEED EFFICIENCY, AND RUMEN HEALTH

Silage treated with EnsilaBac is characterized by its digestibility, allowing for better nutrient absorption in the rumen. This leads to improved feed conversion ratios, crucial in dairy and meat production.

Additionally, EnsilaBac helps maintain a stable rumen pH, crucial for the growth and function of rumen microbes, thereby preventing issues like ruminal acidosis.



ENHANCED IMMUNE FUNCTION AND REPRODUCTION IMPACT

Nutrient-rich silage from EnsilaBac bolsters the immune system of animals, which is essential for disease resistance and overall health.

The quality silage provides essential nutrients that support reproductive functions, leading to improved fertility rates and healthier offspring, thus impacting the overall productivity and sustainability of the livestock.



EnsilaBac-L boosts **Average Daily Gain** by



Enhancing weight gain



Reducing feeding days



Lowering overall feed consumption



Increasing milk fat and protein



Reduction in ruminal disorders



STABLE FERMENTATION



BETTER NUTRITION



HEALTHIER ANIMALS



HIGHER PROFITS



EnsilaBac

PRODUCT

EnsilaBac-L

LIVE BACTERIAL SILAGE INOCULANT

 1 LITRE

EnsilaBac-L is a live bacterial silage inoculant featuring *Lactocaseibacillus rhamnosus* and *Lactocaseibacillus paracasei* cultures with a **27 Billion CFU/ml** cell count.



STABLE FERMENTATION

Produces lactic acid
to quickly lower pH



PRESERVES NUTRIENTS

Retains more energy
and nutrients



IMPROVES ANIMAL HEALTH

Supports rumen health
and digestion



BETTER YIELD & PROFITABILITY

Reduced losses and
improved performance



PROVEN CULTURES. POWERFUL RESULTS.

Strain	Share of Total (%)	Approximate CFU/mL
<i>Lactobacillus plantarum</i>	56.69	1.53×10^{10} ($\approx$ 15.3 billion)
<i>Lactobacillus rhamnosus</i>	26.48	7.15×10^9 ($\approx$ 7.2 billion)
<i>Lactobacillus paracasei</i>	14.17	3.83×10^9 ($\approx$ 3.8 billion)
<i>Lactobacillus buchneri</i>	2.66	7.18×10^8 ($\approx$ 0.7 billion)



BETTER SILAGE. HEALTHIER ANIMALS. HIGHER RETURNS.

POWERED BY
AGRIBAC

EnsilaBac-L

LIVE BACTERIAL SILAGE INOCULANT



EnsilaBac-L was carefully developed through scientific research and formulation with precise testing and refinement ensuring its optimal efficiency for enhancing silage quality.



BETTER FERMENTATION



MORE NUTRITION



LESS SPOILAGE



INGREDIENTS

(*L. rhamnosus*, *L. paracasei*, Skimmed Milk Powder, Lactose, Maltodextrin, Calcium Carbonate, Magnesium Citrate, Sodium Phosphate, Zinc Sulphate, Sodium Phosphate, Aqua)



L. RHAMNOSUS

L. rhamnosus speeds up silage fermentation, converting sugars to lactic acid, lowering pH, enhancing preservation, and improving silage nutrition, palatability, and digestibility.



L. PARACASEI

L. paracasei, producing lactic and acetic acids, complements *L. rhamnosus*, inhibits spoilage organisms, and enhances opened silage stability, reducing spoilage losses.



PROBIOTICS EFFECTS

Both the above bacterial strains are well known for their probiotic effects in treating various gastrointestinal problems, thereby adding additional value to the ensiled fodder.



DIRECTIONS

To maximize the benefits of EnsilaBac for silage production, follow these steps:



DILUTION:

Mix 1 litre of EnsilaBac-L with 25 litres of water for even bacterial distribution.



APPLICATION:

Apply Application
Dosage: 1 Litre per 50 Tons Silage



SILAGE MOISTURE:

Ensure 60–65% moisture content at harvest for optimal bacterial activity.



DISTRIBUTION:

Evenly spread the solution over silage during packing.



SILO SEALING:

Seal the silo properly post-application to foster an anaerobic environment.



FERMENTATION PERIOD:

Wait a minimum of 14 days post-inoculation before opening the silo.



STORAGE:

Keep EnsilaBac-L in a cool place, with no direct sunlight or heat exposure.



IMPROVE
FERMENTATION



ENHANCE
NUTRITION



PRESERVE
QUALITY



MAXIMISE
YIELD

POWERED BY

AGRIBAC



CONTACT US



Invest in your crops and
healthy livestock.



Choose EnsilaBac



Minimize silage losses



Improve silage quality
and feed value



Optimize feed intake



More stable silage
in storage



EnsilaBac

Silage Inoculant



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Better Silage



Healthier Animals



Higher Returns



Stronger Future

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