

A SILAGE INOCULANT
DESIGNED
SPECIFICALLY FOR
CORN SILAGE,
SORGHUM SILAGE, AND
HIGH MOISTURE CORN

Genesis contains *Pediococcus pentosaceus*, *Lactobacillus plantarum*, and *Enterococcus faecium* at a rate in excess of 120,000 CFU per gram of fresh forage; together with a blend of specific enzymes to drive the ensiling fermentation. Genesis speeds fermentation plus enhances starch and fiber digestibility.

Contents: Dried *Pediococcus pentosaceus*, *Lactobacillus plantarum*, *Enterococcus faecium* cultures, dried *Trichoderma longibrachiatum* and *Aspergillus niger* fermentation products, sucrose, buffers and stability enhancers, artificial color.

Guaranteed analysis: Minimum of 120,000 lactic acid bacteria per gram of product.

Directions for use: Mix with clean cold or cool water and apply using a suitable liquid applicator following the applicator directions. Use entire packet at one time. Genesis can also be applied using a low volume applicator (i.e. Dohrect DE 1000): mix pack with 2 gallons of water and apply at 1.28 oz. per ton to treat 200 tons of forage.

Use rehydrated product within 24-48 hours. If unable to use the entire rehydrated product within 24 hours, refrigerate the product to extend shelf life to a maximum of 3 days.

Storage instructions: store in a cool, dry place. Frozen or refrigerated storage below 40 degrees is recommended to obtain maximum shelf life of 18 months.

Disclaimer of Warranty: Purchaser assumes all responsibility for use, storage and handling on receipt of the product. EOS Ag Products, LLC accepts no responsibility for use or handling of the product that are outside of its control. This warranty is in lieu of all other warranties or conditions, expressed or implied. EOS Ag Products, LLC entire obligation under this limited warranty shall be limited to the amount paid for the product. Genesis should only be used on corn silage, sorghum silage, and corn product silages due to its' potential to degrade proteinaceous compounds. Genesis should be applied to all corn silages which will be fed within 180 days post ensiling and fed fresh daily.

Net Weight: 250g, Treats 200 tons of fresh forage

Lot # _____ Manufactured for EOS Ag Products, LLC Twin Falls, Idaho

Our *GENESIS* silage inoculant was formulated specifically to improve starch availability to the cow quicker than your traditional LAB silage inoculants. In today's dairy economy it is not always possible to have an extra 6 months of corn silage sitting on your facility. By speeding up the availability of that starch grain to your cow, we are reducing the time required to hit optimum fermentation. This means you will not see as big nor as long of a milk loss when you start feeding green corn silage.




Our *SUPER* silage inoculant was formulated specifically for high moisture ensiled grains. High moisture grains ferment very easily without the aid of a silage inoculant. The problem arises at feedout when it is reintroduced to air. This reintroduction to air awakens the yeast and mold within the bag, silo, or bunk resulting in heat and spoilage. *Lactobacillus Buchneri* converts the lactic acid produced during fermentation to acetic acid. Acetic acid is the key to inhibiting yeast and mold growth at feedout.

Directions

Add contents of package into clean water and apply equally to 200 tons of forage or apply entire packet to 140 tons of high moisture grains. For best results use entire mixture within 24 hours of mixing. When properly applied, 400,000 cfu/g of forage or 550,000 cfu/g of high moisture grains will be delivered.

STORE PACKAGE IN A COOL, DRY AREA

NOTICE: Due to many variables beyond our control, EOS Ag Products makes no warranties or claims, expressed or implied, concerning this product's storage, handling, or use beyond the description on the face hereof. In no event shall EOS Ag Products be responsible for consequential or incidental damage.



Super

Guaranteed Analysis

Total Lactic Acid Producing Bacteria
≥ 94 Billion cfu/gm

Net Weight: 800 grams

Ingredients

Maltodextrins, Dried *Lactobacillus buchneri* fermentation product, dye.

Lot #: _____

Quality Silage is a Building Block to Today's Successful Dairy

got silage?

EOS Ag Products
208.329.4366
208.421.0981
benl@eosag.biz



IDEAL FOR IMPROVING THE FERMENTATION OF ALL CROPS

Ensure SI contains *Pediococcus pentosaceus* and *Lactobacillus plantarum* at a rate to deliver the university-recommended 100,000 CFU per gram of fresh forage, together with a blend of specific polysaccharase enzymes to drive the ensiling fermentation and also is associated with improving fiber digestibility. The advanced formulation contains stabilizers to ensure both shelf stability and stability when mixed with water.

Contents: Dried *Pediococcus pentosaceus* and *Lactobacillus plantarum* cultures, dried *Trichoderma longibrachiatum* and *Aspergillus niger* fermentation products, sucrose, buffers and stability enhancers, artificial color.

Guaranteed analysis: Minimum of 72.6 billion CFU lactic acid bacteria per gram of product

Directions for use: Mix with clean cold or cool water and apply using a suitable liquid applicator following the applicator instructions. Use entire packet upon opening. Can be applied using a low volume applicator (e.g. Dohrect DE 1000): mixing 1 packet with 2 gallons of water, then applied at the rate 1.28 oz per ton to treat 200 tons of forage.

Use rehydrated product within 24-48 hours: If unable to use the entire rehydrated product within 48 hours, refrigerate the product to extend product life for a maximum of 4 to 5 days.

Storage instructions: Store in dark, cool, dry place. Frozen or refrigerated storage at or below 40 degrees is recommended to obtain maximum shelf life of 12 to 18 months.

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Net weight: 250g, Treats 200 tons of fresh forage

200 TT

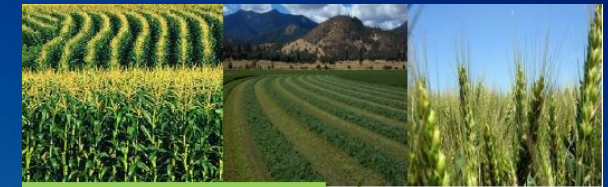
Lot # _____ Manufactured For: EOS Ag Products LLC, Twin Falls, Idaho

Our **ENSURE** silage inoculant was formulated specifically for creating optimal front-end fermentation. The blend of bacteria and enzymes help drive a quick PH drop while also reducing clostridial risk and the chance of butyric acid. A quick fermentation is proven to reduce dry matter losses, but it also has to be a quality fermentation with proper lactic acid to acetic acid ratios. **ENSURE** supplies a combination of enzymes designed to produce sugars that fuel the fermentation while also improving fiber digestion in the final silage.

Our **SUPREME** silage inoculant was formulated specifically for both optimal fermentation as well as improved stability during feedout. We have found that the pairing of these specific bacteria and enzymes created a better 'working environment' within your silage. The LAB bacteria give you your fast PH drop for a quick, efficient fermentation; but are a better bug than others in creating optimal conditions for the Buchneri and Brevis to thrive. Because of this we are seeing as good, if not better results in yeast and mold growth inhibition.

Our **BASIC PLUS** silage inoculant was formulated specifically for creating optimal front-end fermentation. The blend of bacteria help drive a quick PH drop while also reducing clostridial risk and the chance of butyric acid. A quick fermentation is proven to reduce dry matter losses, but it also has to be a quality fermentation with proper lactic acid to acetic acid ratios. **BASIC PLUS** does not contain enzymes. We wanted a product available for our clients that are only interested in getting the best price on supplying the university recommended 100,000cfu's of bacteria per gram of silage.

Our **STANDARD** silage inoculant was formulated specifically for both optimal front-end fermentation as well as improved stability during feedout. This product contains the usual bacteria and enzymes that is standard within the inoculants offered in the market today. Clients see the biggest advantage with this product when dealing with dryer crops such as the wheatlage, triticale, and grasses that have a tendency to dry down extremely quick. When silages get dry, there is no better insurance policy against heating at feedout than **STANDARD**



Directions

Add contents of package into clean water and apply equally at 4 grams per ton of forage or 5.71 grams per ton of high moisture grain. For best results, use entire mixture within 24 hours of initial mixing. When properly applied, 300,000 cfu/g of bacteria on forage, or 420,000 cfu/g of bacteria on high moisture grains, will be delivered.

STORE PACKAGE IN A COOL, DRY AREA

Lot #: _____

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Guaranteed Analysis

Total Lactic Acid Producing Bacteria
≥ 71 Billion cfu/gm

Hemicellulase (A. niger)
900 ug hemicellulose breakdown/min/gm

Net Weight: 800 grams

Ingredients

Maltodextrins, Dried *Lactobacillus buchneri* fermentation product, Dried *Lactobacillus plantarum* fermentation product, Dried *Lactobacillus brevis* fermentation product, Dried *Aspergillus niger* fermentation product, Dried *Aspergillus niger* fermentation extract, dye.



FOR IMPROVING THE FERMENTATION OF CORN SILAGE AND OTHER CROPS

Basic Plus SI contains *Pediococcus pentosaceus*, *Pediococcus acidilactici*, and *Lactobacillus plantarum* at a rate greater than the university-recommended 100,000 CFU per gram of fresh forage. The advanced formulation contains stabilizers to ensure both shelf stability and stability when mixed with water.

Contents: Dried *Pediococcus pentosaceus*, *Lactobacillus plantarum* cultures, *Pediococcus acidilactici*, sucrose, buffers and stability enhancers, artificial color.

Guaranteed analysis: Minimum of 72.6 billion CFU lactic acid bacteria per gram of product

Directions for use: Mix with clean cold or cool water and apply using a suitable liquid applicator following the applicator instructions. Use entire packet upon opening. Basic Plus SI can be applied using a low volume applicator (e.g. Dohrect DE 1000): mixing 1 packet with 5 gallons of water, then applied at the rate 1.28 oz per ton to treat 500 tons of forage.

Use rehydrated product within 24-48 hours: If unable to use the entire rehydrated product within 48 hours, refrigerate the product to extend product life to a maximum of 4 to 5 days.

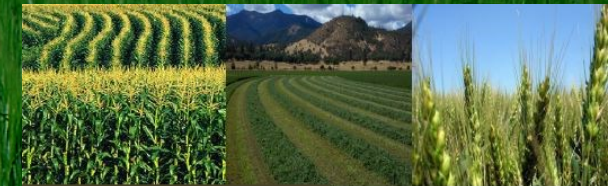
Storage instructions: Store in dark, cool, dry place. Frozen or refrigerated storage at or below 40 degrees is recommended to obtain maximum shelf life of 12 to 18 months.

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Net weight: 625g, Treats 500 tons of fresh forage

500 TT

Lot # _____ Manufactured For: EOS Ag Products LLC, Twin Falls, Idaho



Standard

Directions

Add contents of package into clean water and apply equally to 200 tons of forage or apply entire packet to 140 tons of high moisture grains. For best results use entire mixture within 24 hours of mixing. When properly applied, 500,000 cfu/g of forage or 700,000 cfu/g of high moisture grains will be delivered.

STORE PACKAGE IN A COOL, DRY AREA

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Guaranteed Analysis

Total Lactic Acid Producing Bacteria
≥ 118 Billion cfu/gm

Hemicellulase (A. niger)
900 ug hemicellulose breakdown/min/gm

Net Weight: 800 grams

Ingredients

Maltodextrins, Dried *Lactobacillus buchneri* fermentation product, Dried *Lactobacillus plantarum* fermentation product, Dried *Pediococcus pentosaceus* fermentation product, Dried *Lactobacillus brevis* fermentation product, Dried *Aspergillus niger* fermentation product, Dried *Aspergillus niger* fermentation extract, dye.

Lot #: _____

