

# EZ Sile<sup>®</sup> ULV

## Bacterial inoculant for all types of ensiled forages

EZ Sile<sup>®</sup> ULV was reformulated to meet today's crop needs and environmental challenges. This reformulation achieves:

**Faster fermentation:** Drives fermentation to a lower pH faster and more efficiently.

**Greater dry matter and nutrient recovery:** Leads to more pounds of feed and more digestible nutrients for your cattle.

**Reduced spoilage:** Stronger competitive exclusion of spoilage organisms leading to increased feedout stability.

**Improved product stability:** Sodium aluminosilicate added to maintain product shelf life over 24 months, even when challenged by temperature fluctuations.

## Fueling faster, more efficient fermentation

EZ Sile's reformulated bacteria package excludes minor secondary strains and increases the levels of *Pediococcus pentosaceus*. Of all the strains tested, *Pediococcus pentosaceus* had the fastest rate of growth and acid production across a range of temperatures and pH values. *Pediococcus pentosaceus* is unable to break down protein unlike other bacteria strains, giving it the ability to utilize a wider range of sugars (including 5C pentoses).

- *Pediococcus pentosaceus* – The strain of this pH-driving LAB offers the best performance in the up-front ensiling fermentation. Its primary characteristics further complement the *Lactobacillus plantarum* in the pH fermentation range.

## Increased inhibition of yeast and mold

EZ Sile ULV has a new strain, *Propionibacterium acidipropionici*, which improves aerobic stability. The increased aerobic stability is achieved by the conversion of glucose and lactate to acetate and propionate, which are anti-fungal compounds that increase yeast and mold inhibition.

- *Propionibacterium acidipropionici* – Along with increasing yeast and mold inhibition, this bacteria strain has also shown a decrease in harvested crop's pH and an increase in lactic acid, acetic acid, and propionic acid production by percentage, which are critical VFAs.

## Improved forage digestibility

EZ Sile ULV contains a robust enzyme package that helps convert plant starches into glucose, stimulating the bacteria for rapid growth.

The enzyme package has been reformulated to be more focused on glucanase and xylanase to have the biggest impact on the forage digestibility. This drives the clean and efficient production of acetic acid, which improves stability at feedout. It does this by:

- Inhibiting the growth of yeasts, which can be the main cause of 99% of silage heating events.
- Enhancing the non-cellulosic bond breakdown, which improves access to the microbes in the rumen and enhances feed digestibility.



### Good Silage Management Steps:

1. Ensile at proper maturity
2. Ensure proper moisture content
3. Chop to proper length
4. Harvest, pack and seal as quickly as possible
5. Maintain adequate feedout rates



## Product Information:

**EZ Sile® ULV** Water Soluble 500tt Ultra Low Volume  
For Silage, Haylage, Ground and Packed Grains

**Guaranteed Analysis:** Lactic Acid Producing Bacteria 100 billion CFU/g. Applies at 100,000 CFU/g of crop.

**Ingredients:** Sucrose, dried Lactobacillus plantarum, dried Pediococcus pentosaceus, dried Pediococcus acidilactici, dried Propionibacterium acidipropionici, dried Trichoderma reesei fermentation isolates, dried Trichoderma longibrachium fermentation isolates, sodium aluminosilicate, dye blue #1, dye yellow #5.

**Applications:** EZ SILE ULV 500tt can be applied at various dilution rates depending on your application equipment. In an overhead shower, mix 500 grams of EZ SILE ULV 500tt with 50 gallons of water and apply at a rate of 1 quart per ton of fresh forage. One 500 gram package dissolved in water should be applied to 500 tons of silage or high moisture corn. For best application, it is recommended to mix from five packages per mixed bag together at one time. EZ SILE ULV 500tt may also be applied using a suitable low volume applicator such as the Dorrman DE 5000. Mix 1 package per 2 gallons of water and apply at a rate of 1/2 gallon of silage.

**Storage:** Store in a cool, dry area. Protect from direct sunlight. For maximum stability, store in a refrigerator or freezer. Best used before date stamped on the package.

**500tt ULV**

**Precaution Statement:** This product contains enzymes. May cause mild skin irritation. May cause mild eye irritation. May cause allergic reactions, including anaphylactic reactions, in susceptible individuals. If inhaled, avoid breathing dust. In case of inadequate ventilation wear a mask. Wash hands thoroughly after handling. For further information refer to MSDS or R (Responsible) respiratory difficulty, eye or skin irritation, get medical attention.

**NOTICE:** Animal Feed Technologies (AFT) warrants that the product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. In no case shall AFT be liable for consequential, special or indirect damages resulting from use or handling of this product. All such risks shall be assumed by the buyer. AFT makes no warranties of merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

21306261      Box Net Weight: 4 x 500 g (176 oz)

Lot: \_\_\_\_\_      Exp: \_\_\_\_\_

Animal Feed Technologies

## EZ Sile® ULV - Water Soluble

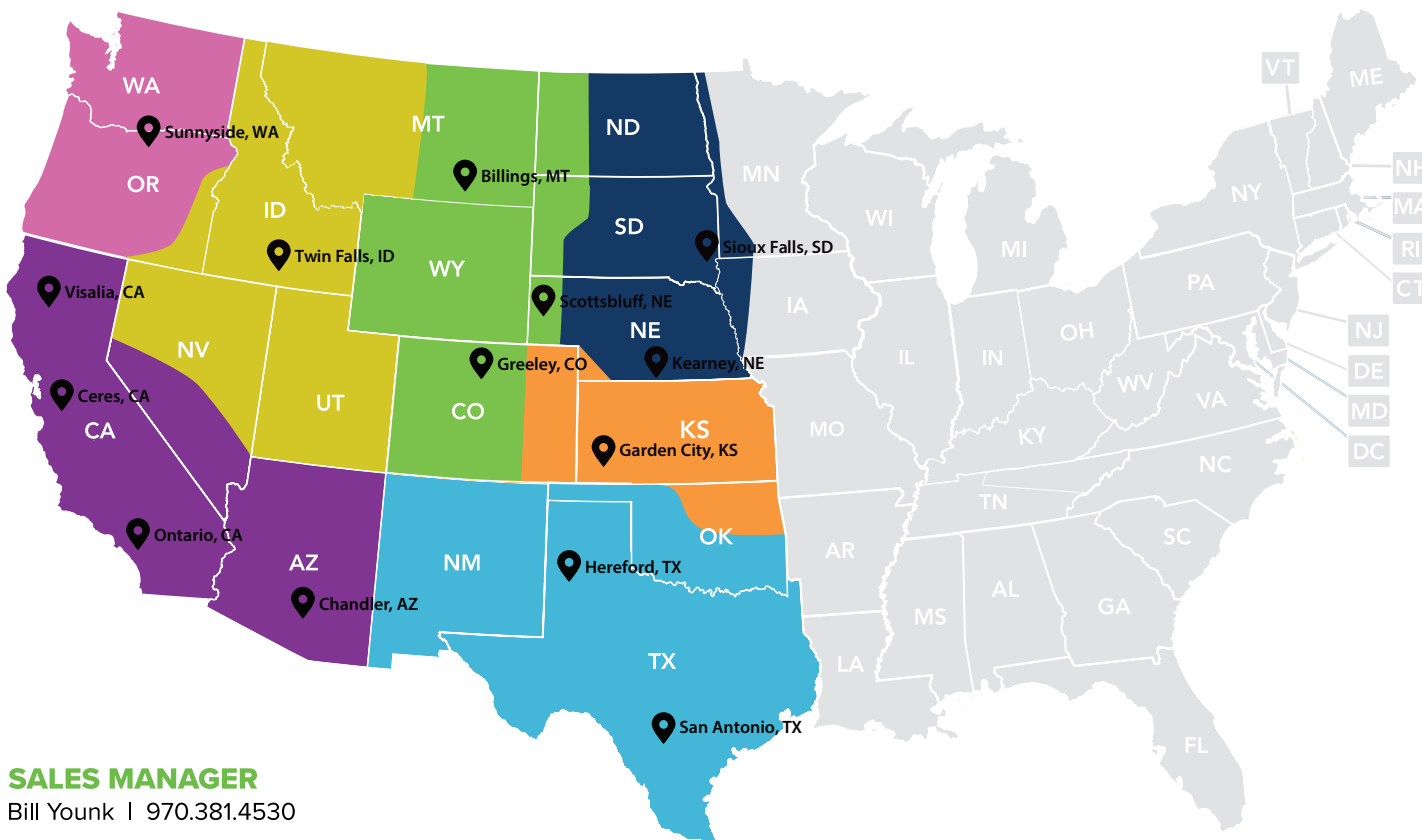
EZ Sile ULV can be added at the chopper, scale, bagger, or from the packing tractor. Animal Health International's formulations and concentrations allow for liquid dilution application at different rates and volumes.

**Storage Directions:** Store in a cool, dry area. Protect from direct sunlight. For maximum stability, store in a refrigerator or freezer.

**Ingredients:** Sucrose, dried Lactobacillus plantarum, dried Pediococcus pentosaceus, Pediococcus acidilactici, Propionibacterium acidipropionici, beta-glucanase, xylanase, sodium aluminosilicate and dyes.

### Application Rates:

- EZ Sile ULV - 200 g pack: 1 gram/ton = 200 treated tons
- EZ Sile ULV - 500 g pack: 1 gram/ton = 500 treated tons



For more information about EZ Sile ULV, contact your Animal Health International inoculant sales representative or scan our QR code to learn more about our full line of inoculants.

