

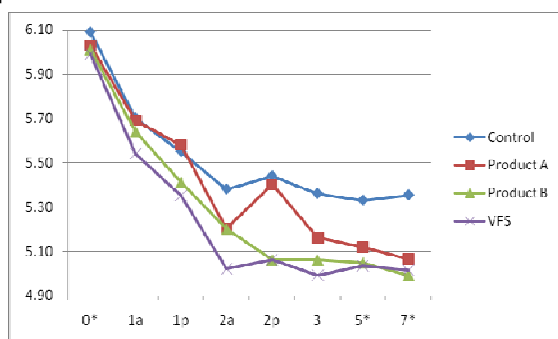
VALLEY FORGE SERVICES INC.

-suppliers of silage inoculants (VFS PRIME SI)

SUPERIOR PRODUCTS TO MAXIMIZE FORAGE QUALITY —ECONOMICALLY—SIMPLY

Silage inoculants have come to be almost universally recognized and accepted as a good management practice to help insure all forage crops ensile well and efficiently. Unfortunately producers are often deluged with offers of various benefits from a wide range of products and for a wide range of prices. VFS believes in supplying only the simplest, best technologies available in terms of silage inoculants based upon the following criteria :

- 1) Any and all silage inoculants should supply the minimum recommended level of 100,000 cfu's of lactic acid producing bacteria (LAB'S) per gram of treated forage. **VFS PRIME SI supplies 100,000 cfu's of LAB'S per gram of treated forage.**
- 2) To insure adequate sugars are available for the LAB'S to ferment, enzymes should be added to help supplement naturally occurring sugars by producing sugars from more complex carbohydrates in the forage crop. **VFS PRIME SI contains enzymes designed to produce these extra sugars and help improve the digestibility of the forage fiber.**
- 3) The LAB strains should be strains typically found in forage crops, safe and selected for producing fast, efficient fermentations in a wide variety crops and over a wide variety of conditions. Ideally the inoculant should have two LAB'S, one to "kick start" the fermentation and a second to "close" the fermentation at a low terminal pH. **VFS PRIME SI contains two highly selected strains of *Pediococcus pentosaceus* (the starter) and *Lactobacillus plantarum* (the finisher).**
- 4) Inoculants are alive and must treated as such to make certain they are applied not only at the correct rate but while still alive. **VFS PRIME SI is stored and shipped under refrigerated conditions and specifically designed to mix easily and well and used in all types of commercial applicators.**
- 5) The graph below shows the faster pH drop in haylage treated with VFS PRIME SI vs two comparable nationally marketed silage inoculants. This fast drop in pH is the best protection from clostridial fermentations and result in maximum dry matter savings. **VFS PRIME SI produces the fastest drop in pH of tested products.**



BOTTOM LINE— Silage inoculants are a good investment when they meet the criteria above. VFS PRIME SI meets the criteria recommended by university and industry leaders. Most importantly VFS PRIME SI was designed specifically for use on larger dairies and priced favorably with all comparable products. **For the best value and best price on silage inoculant be sure to check out VFS PRIME SI this season.**

**DON'T GO
BACK-
WARDS
AND NOT
INOCULATE
YOUR
SILAGE**

**INOCULATE YOUR
SILAGE WITH THE
BEST QUALITY
PRODUCT POSSIBLE-
FOR THE LEAST
MONEY POSSIBLE!**

**INVEST IN THE
PRODUCT DESIGNED
FOR LARGE DAIRIES**

**THE BEST
TECHNOLOGY AND AN
AFFORDABLE PRICE**

VFS PRIME SI

- Lactobacillus plantarum
- Pediococcus pentosaceus
- 100,000 cfu per gram of treated forage
- Refrigerated storage and shipping
- Enzymes
- Economically priced