

## VALIDATION CERTIFICATE

Pioneer Hi-Bred Canada Company validates that the following Forage Additives consist of various strains of *Lactobacillus plantarum*, *Enterococcus faecium*, or *Lactobacillus buchneri*. The individual strains of lactic acid bacteria were isolated from natural sources, specifically, forages and silages, by standard microbiological methods. Pioneer sets forage additive purity standards to ensure that products purchased by our customers are as pure as possible. Pioneer's forage additive production and testing processes are registered to the internationally accepted ISO 9001 standards for quality management systems. The strains, which comprise each of the Sila-Bac® brand forage additives, were selected for their ability to improve the ensiling process and/or forage preservation related to specific crops.

The inputs/ingredients contained in Sila-Bac brand Forage Additives were not produced using genetic engineering techniques or derived from genetically modified organisms. In addition to the bacterial component, Sila-Bac brand Forage Additives contain food grade ingredients procured from non-GMO sources.

1174, 1189, 11C33, 11G22, 11H50, 11B91, 11AFT, 11CFT, 11GFT



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