

Can a biological seed treatment affect ruminal methane production?

Materials and Methods

South Dakota Farm, 2021 crop year

2 adjacent 80 acre silage corn fields

Same hybrid, equipment, planting date, plant populations

Two silage piles, actively feeding from both piles when samples were collected

Treatment A : IONfx seed treatment at planting

Treatment B: Control

Samples (10 replicates) collected from face of each bunker

Silages sent to Fermentrics Technologies Inc. Laboratory, Arnprior, Canada

In vitro gas production and gas composition analysis

Statistical analysis by Cows Agree Consulting, LLC

