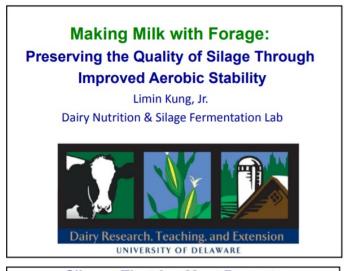


B American Farm Products Inc.

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SilagePro® B and SilagePro® Buchneri 5 DAY Research



Silages That Are Most Prone to Aerobic Spoilage that may Benefit from Silage Additives

- High moisture Corn
- Corn and barley silage
- Silages with high DM (>40%DM)
- Silage fed during warm weather (summer, etc.)
- Silages fed out slowly
- Silage that will be moved between silos
- Silage fed from intermediate feeding
 piles
 L. Kung, Univ. of Delaware

Aerobic Stability is important in avoiding spoiled silage because:

- 1. Spoiled silage produces undesirable end product
- 2. Spoiled silage depresses nutrient intake and production
- 3. Spoiled silage reduces farm income





- -Remove sufficient silage each day to prevent spoilage ~ 12 in/d
- -More in hot weather and for drier and poorly packed silages
- -Keep face clean, minimize face damage
- -Knock down only enough silage to feed



Aerobic Stability is affected by:

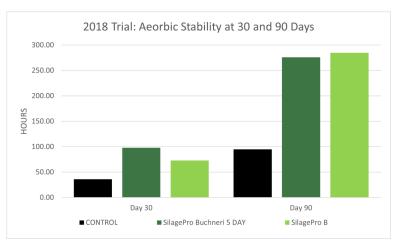
- 1. Air-Porosity (density of the silage
- 2. Numbers of lactate utilizing yeasts
- 3. Ambient temperature

As the numbers of yeasts in silage increases, the hours of aerobic stability decrease, animal intake decreases, the number of low fat tests increases, etc.

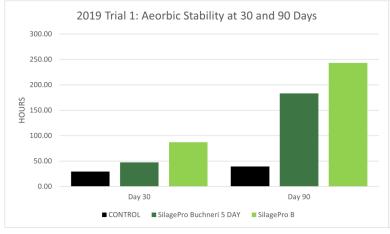
Consistent Advantage:

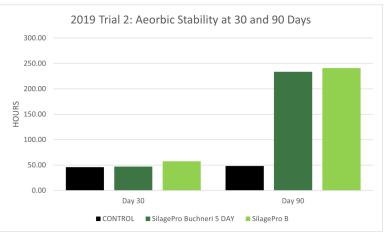
American Farm Products Inc. L. buchneri Inoculants:

Trials conducted under the supervision of Dr. Limin Kung, Jr., University of Delaware.



SilagePro® Buchneri 5 DAY and SilagePro® B each contain unique SilagePro® enzyme extracts plus a robust cascade of lactic acid bacteria (LAB) applied at the rate of 100,000 cfu/gram of silage. Additionally, SilagePro® Buchneri 5 DAY contains 200,000 cfu/gram of L. buchneri as applied and SilagePro® B contains 400,000 cfu/gram of L. buchneri as applied.





* 2019 Trial 1 and 2 show the average of 5 replicates per trial

- To maintain forage quality, silages need to ferment well and be aerobically stable. **SilagePro**[®] **B** and **SilagePro**[®] **Buchneri 5 DAY** minimize aerobic spoilage by reducing the number of yeasts that cause silage to heat, thereby increasing aerobic stability of silages by up to 200+ hours over untreated silage.
- Based on research, we recommend **SilagePro**[®] **Buchneri 5 DAY** for all silages and **SilagePro**[®] **B** for high moisture grains. High moisture grains require an increased concentration of L. buchneri due to higher levels of dry matter.