PIONEER®
A DuPont Business

11B91 HIGH-MOISTURE CORN INOCULANT

Sila-Bac® brand 11B91 is a high-moisture corn inoculant designed for:

- Improving fermentation, retaining nutrient content and enhancing digestibility of ensiled high-moisture corn.
- Use in high moisture corn ensiled at the proper maturity in upright, bunker or bag silos at moistures ranging from 24% to 32%.
- Non-hazardous biological solution to bunklife problems, avoiding the use of expensive, caustic acid products.

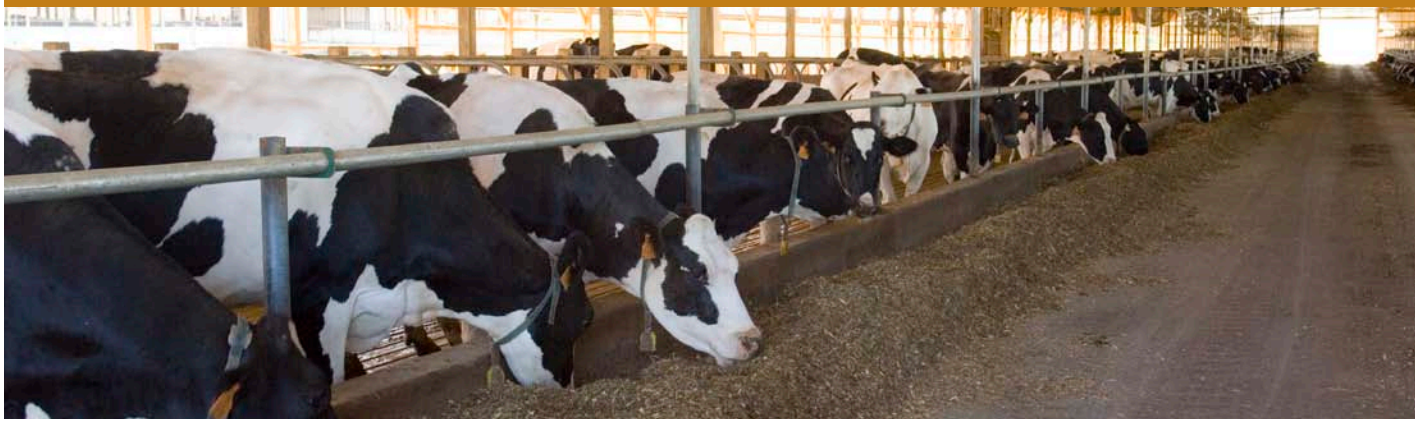
Available as a water soluble product in packaging suitable for use in tank mixes or with the Pioneer Appli-Pro® SLV application system.

11B91 contains a unique blend of patented proprietary strains of *Lactobacillus buchneri* and *Lactobacillus plantarum** formulated to:

- Help high-moisture corn stay fresher and cooler in the storage structure and the feedbunk.
- Improve bunklife in slow-fill or slow-feedout situations.
- Use on high-moisture corn at 24% to 32% moisture, 11B91 is nearly as effective at prolonging aerobic stability as 4.5 Kg. propionic acid/ton and is more economical and safer to use.
- Preserve nutritional quality by reducing nutrient losses to spoilage and heat-causing organisms.
- Trials show that 11B91 results in a 3% unit total reduction in dry matter loss (shrink) when considering the entire fermentation process; from initial pH decline to removal and feeding.

Registered claims in Canada:

- Reduces heating at feeding.
- Reduces dry matter loss.



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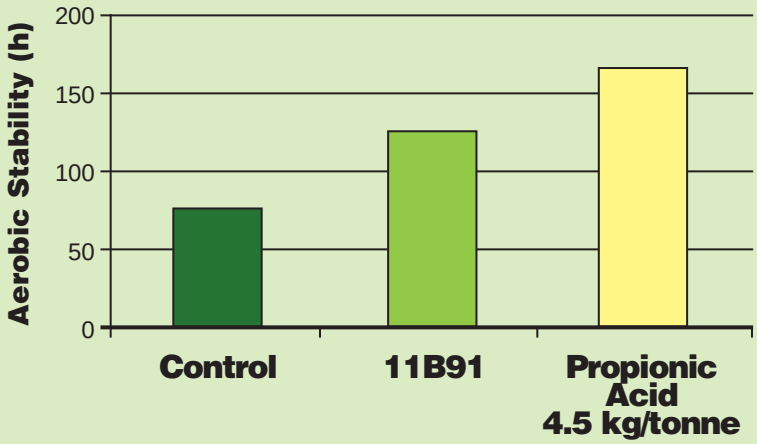
pH and Aerobic Stability Trials

Inoculated and Untreated High-Moisture Corn

Item	Control	**11B91**
Dry Matter, %	77.5	77.5
pH	4.81	4.73
Aerobic Stability[1], hours	71.5[a]	128.8[b]
DM loss, %	1.10[b]	0.32[a]

[1] Time in hours for silage to rise 1.7 C above ambient.
[a b] Means within a row with different superscripts differ (P ≤ .05).
Data is an average from 15 locations.
Specific trial data available upon request.



Aerobic stability of high-moisture corn treated with 11B91. HMC was ensiled for 50-80 days and aerobic stability determined as the number of hours HMC remains cool when exposed to air under the specifications of the Honig model. Data is an average from 15 locations.

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