

Pioneer® brand 1189

High-Moisture Corn Inoculant



Pioneer® brand 1189 is designed to:

- Improve fermentation, retain nutrient content and enhance digestibility of ensiled high-moisture corn

Available as a water-soluble product in packaging suitable for use in tank mixes or with the Pioneer Appli-Pro® Application Systems or as a free-flowing granular formulation for easy and convenient application.

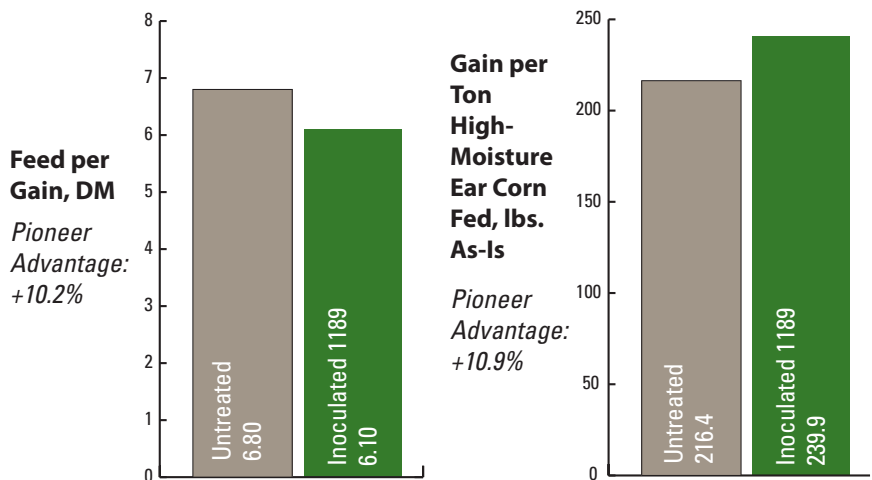
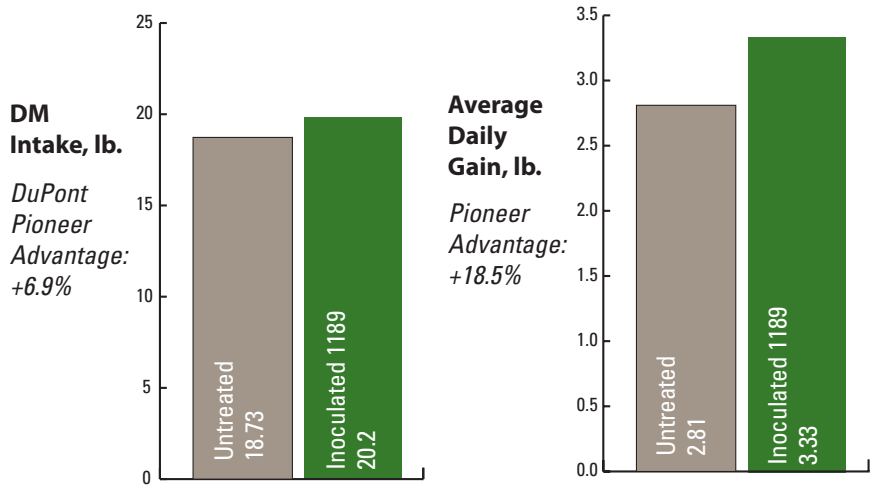
1189 contains a unique blend of patented proprietary strains of *Lactobacillus plantarum* and *Enterococcus faecium* formulated to:

- Help improve animal performance compared to control
- Help corn ferment faster to retain more energy

Management Recommendations:

- Use in high-moisture corn, snaplage and high-moisture ear corn in upright, bunker or bag silos
- Should not be used for whole high-moisture corn unless stored in oxygen limiting structures

Higher Average Daily Gain and Better Feed Efficiency in Beef Trials



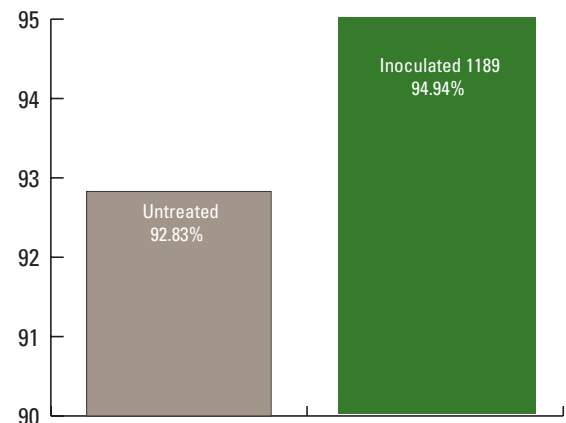
Available in Package Sizes:

***	Improves Fermentation
*	Enhances Bunklife
N/A	Improves Fiber Digestibility

Relative Ratings * = Good; ** = Excellent; *** = Outstanding, NA = Not Applicable. **IMPORTANT:** Information and ratings are based on relative comparisons with other Pioneer® brand inoculants within each specific crop, not competitive products. Information and ratings are assigned by DuPont Pioneer Forage Additive Research, based on average performance across area of use under normal conditions, over a wide range of both environment and management conditions, and may not predict future results. Product responses are variable and subject to any number of environmental and management conditions. Please use this information as only part of your product positioning decision. Refer to www.pioneer.com/inoculants or contact a Pioneer sales professional for the latest and most complete listing of traits and scores for each Pioneer® brand product. Fermentation – rate and extent of pH decline and the composition of fermentation acids occurring in silage. Bunklife – relative heat development compared to ambient temperature. Bunklife considers both how quickly silage begins to heat and the amount of heat generated while remaining above ambient temperature. Fiber Digestibility – the digestibility of neutral detergent fiber (NDF) by the ruminant animal expressed as a percentage of the total NDF.

Pioneer® brand Inoculant is Proven to Increase Dry Matter Recovery

Pioneer Advantage: 1189 +2.3%



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