

Pioneer® brand 11CFT is a revolutionary patented corn silage product designed to:

- Improve fiber digestibility
- Enable higher corn silage inclusion rates

Available as a water-soluble product in packaging suitable for use in tank mixes or with the Pioneer Appli-Pro® systems for easy and convenient application.

11CFT contains a novel strain of *Lactobacillus buchneri* which:

- Produces specific fiber-digesting enzymes as it replicates in silage
- Reduces shrink and improves bunklife of the silage face during feedout

In addition to fiber-digesting enzyme production, **11CFT** contains a unique silage strain of *Lactobacillus plantarum* formulated to:

- Stimulate “front-end” fermentation efficiency by rapidly dropping pH, helping to retain valuable nutrients (sugar, starch)
- Establishes the ideal environment for growth and proliferation of the enzyme-producing *L. buchneri* allowing enzymatic activity to be expressed, “pre-digesting” NDF and making it more available to the rumen microbes

• Help lower feed costs by reducing need for bypass protein supplementation

- Excellent choice for high-production animals fed high levels of corn silage

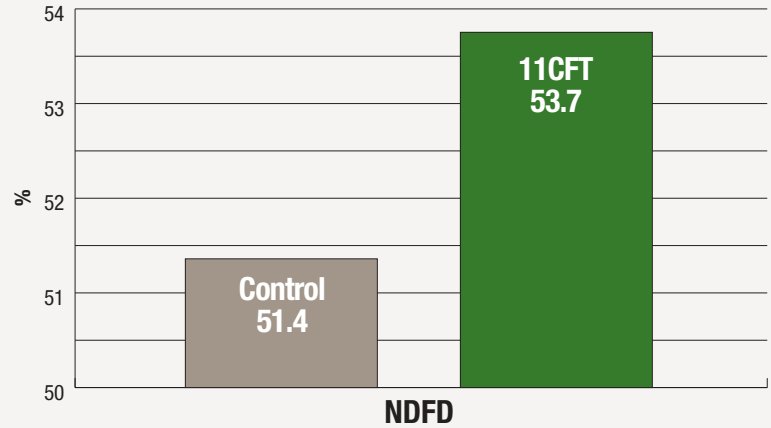
Available in Package Sizes:



X	Improves fermentation and reduces dry matter loss
X	Improves nutrient conservation
X	Significantly reduces heating on bunker/pile face
X	Helps reduce heating in entire TMR
X	Improves fiber digestibility

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 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.

Research shows 11CFT is effective in improving NDF digestibility:



Improving aerobic stability resulting in less heating

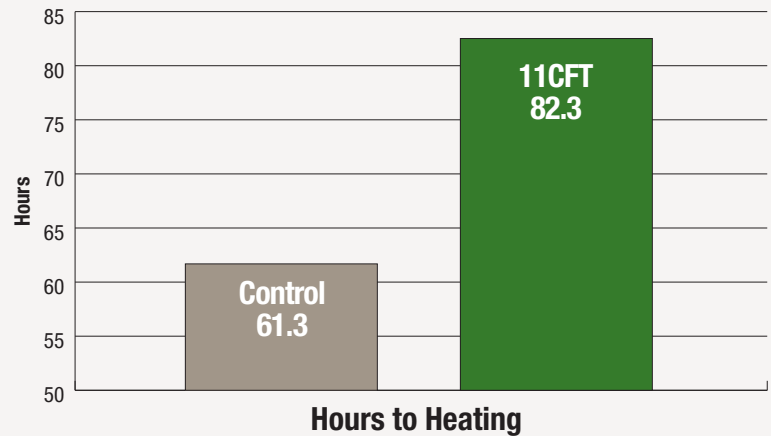


Chart 1: Source: University of Florida and the Lethbridge Research Center summarized third party in situ NDFD across four different hybrids.

Chart 2: Source: Pioneer Livestock Nutrition Center, Iowa.