

Pioneer® brand inoculants offer choices

CROP-SPECIFIC INOCULANTS – Patented, Proprietary Bacterial Strains.

	CORN FIBER TECHNOLOGY	CORN SILAGE		ALFALFA FIBER TECHNOLOGY	ALFALFA SILAGE		GRASS FIBER TECHNOLOGY	GRASS/CEREAL SILAGE	HIGH-MOISTURE CORN		MULTI-CROP	
	11CFT <small>Contains <i>L. buchneri</i></small>	11C33 <small>Contains <i>L. buchneri</i></small>	1132	11AFT (NEW) <small>Contains <i>L. buchneri</i></small>	11G22 <small>Contains <i>L. buchneri</i></small>	11H50	11GFT <small>Contains <i>L. buchneri</i></small>	11G22 <small>Contains <i>L. buchneri</i></small>	11B91 <small>Contains <i>L. buchneri</i></small>	1189	11A44 <small>Contains <i>L. buchneri</i></small>	1174/1177
Key Benefits and Recommended Product Usage	<p>Reduces dry matter loss by rapidly lowering pH. Also contains <i>L. buchneri</i> to significantly reduce aerobic losses at feedout.</p> <p>Fiber Technology product which improves digestibility with an enzyme that is produced by a novel <i>L. buchneri</i> strain making this product an excellent choice for high-production animals fed high levels of forage.</p> <p>Allows for reduction in concentrate and protein supplementation to reduce total feed costs.</p>	<p>Improves silage feeding quality and bunklife by rapidly lowering pH and significantly improves bunklife as a result of the inclusion of a <i>L. buchneri</i> strain.</p>	<p>Rapidly lowers silage pH and incrementally improves rate of nutrient digestion.</p> <p>Best suited for silages that have excellent face management.</p>	<p>Fiber Technology product which reduces dry matter loss and protein degradation by rapidly lowering alfalfa silage pH. Also contains a <i>L. buchneri</i> strain to significantly improve bunklife.</p> <p>Fiber Technology product which improves fiber digestibility when an enzyme that is produced by a novel <i>L. buchneri</i> strain making this product an excellent choice for high-production animals fed high levels of forage.</p> <p>Allows for reduction of protein and/or concentrate supplementation to reduce overall feed cost.</p>	<p>Helps protect nutritional quality in alfalfa silage by rapidly lowering pH, and improving bunklife by including a <i>L. buchneri</i> strain.</p>	<p>Reduces dry matter loss by promoting a faster and more efficient fermentation.</p> <p>Significantly reduces protein degradation in alfalfa silages.</p>	<p>Reduces dry matter loss by rapidly lowering grass or cereal silage pH and improving bunklife by including a <i>L. buchneri</i> strain.</p> <p>Fiber Technology product containing a novel <i>L. buchneri</i> strain to improve bunklife and significantly increase fiber digestion. Best suited to high-production animals fed high levels of forage.</p> <p>Allows for reduction in ration concentrate and protein supplementation costs.</p>	<p>Helps protect nutritional quality in grass or cereal silages by rapidly lowering pH and improving bunklife by including a <i>L. buchneri</i> strain.</p>	<p>Combines the benefits of 1189 with greatly improved bunklife as a result of the inclusion of a <i>L. buchneri</i> strain.</p>	<p>Rapidly reduces pH and increases the starch digestibility in high-moisture corn, snaplage or earlage.</p> <p>Helps improve feed efficiency and rate of gain in animals fed high-moisture shelled corn, snaplage or earlage.</p>	<p>Contains a <i>L. buchneri</i> strain to significantly improve silage bunklife.</p> <p>Best suited to silages and management situations where silage face management and aerobic stability are a challenge.</p>	<p>Basic fermentation product which rapidly lowers silage pH conserving valuable crop sugars while reducing protein degradation.</p>
	Improves Fermentation	**	**	***	**	**	***	**	**	***	***	Varies by crop
Enhances Bunklife	***	***	*	***	***	**	***	***	***	*		
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 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. All products are trademarks of their manufacturers.

Appli-Pro® SLV (Super Low Volume) Inoculant Applicator Systems

Advantages of the Appli-Pro® SLV* System:

- Treats up to 500 tons before refill is needed.
- Saves time! Less stopping and reloading of both water and inoculant.
- Eliminates mixing of inoculant material in large water tank.
- More accurate, more precise application with the unique injection system.
- Less waste, improved quality control because you can remove and refrigerate the mixed inoculant bottle at end of the day.
- Small Completion-Pac® bottle available for finishing fields.
- Unique back-flush system reduces waste, makes system cleaning easy.
- Compatible with John Deere GreenStar system, which provides variable rate application based on chop rate.



Advantages of the Appli-Pro SLV C2000** System:

- Treats up to 2,000 tons with 5.3 gallons of water.
- Operator time savings with fewer stops due to higher capacity versus original SLV.
- Unique back-flush system makes cleaning easy.
- System works without the use of solenoids for reduced maintenance.
- Basic product delivery system is identical to SLV, which provides excellent rate and distribution based on SLV experience.
- Leftover product can be poured into smaller containers for reuse, or the tank itself can be pulled off and refrigerated.
- Tank can be removed for easier cleaning.
- Dedicated compressor air intake filter for prolonged compressor life.
- Compatible with John Deere GreenStar system, which provides variable rate application based on chop rate.



* Note: 2,500 ton annual minimum volume purchase required. Upon completion of the User Agreement, the SLV will be provided at no charge to the user. Ownership of the SLV is maintained by Pioneer and is not available for purchase.

** Note: 10,000 ton annual minimum volume purchase required. Upon completion of the User Agreement, the C2000 will be provided at no charge to the user. Ownership of the C2000 is maintained by Pioneer and is not available for purchase.



The Pioneer Inoculant Difference

Selecting bacterial strains to improve:
Rate of Nutrient Digestion, Bunklife and Fermentation



Backed by the Industry's
#1 Inoculant Research Team

