

## Legend Seeds Corn Silage Testing

# LAKE PRESTON L.E.A.P. PLOT

**Location:** Lake Preston, SD

**Soil:** Silty Clay Loam

**Planting Date:** 16-May-18

**Prev. Crop:** Soybean

**Harvest Date:** 4-Sep-18

**Tillage:** Conventional



Legend Elite Advancement Project (L.E.A.P.) is our proprietary, in-house research program. It validates data on hybrid genetic performance over time and agronomic placement. Our L.E.A.P. plots are used for product evaluation, selection, and positioning on the right soil type and in the right geography to consistently deliver high value products to growers. Since 2014, we've conducted more than 78,168 replicated corn trials across 57 locations.

HYBRID	RM	MILK PER ACRE	MILK PER TON	TONS/ AC AT 68%	% MOISTURE	PRO	ADF	NDF	% NDF LIGNIN	TTNDFd	NDFd 30 HOURS	uNDF 240hr (%ndf)	STARCH	7HR STARCH DIGESTIBILITY	NFC	30HR TDN
LNG9895 RR	95	27,517	3543	24.3	68.5	7.8	21.2	38.2	3.6	44.7	60.8	7.3	33.4	77.5	48.0	75.2
MCT4632 VIP3110	96	35,334	3730	29.6	62.6	8.0	17.3	32.8	3.2	45.6	62.3	5.9	41.2	75.9	54.1	77.4
MCT4934 VIP3111	99	24,363	3514	21.7	67.2	8.4	20.4	35.7	3.7	43.7	59.0	8.3	34.1	76.9	49.3	74.5
LNG 9800 RR	100	31,279	3381	28.9	71.6	9.0	22.5	40.4	3.9	48.0	62.4	7.6	28.9	81.0	44.3	73.4
LR 97S00 GENSSRIB	100	32,181	3505	28.7	71.8	7.6	21.2	38.9	3.8	46.1	60.7	8.1	33.9	79.3	47.5	74.7
94A01 3011A	101	33,913	3714	28.5	67.5	8.1	18.0	33.1	3.4	42.5	60.9	7.0	38.8	76.3	52.7	77.1
MC5250 CONV	102	24,223	3383	22.4	75.0	7.9	22.2	40.4	4.0	45.3	60.4	8.4	31.6	83.8	44.8	73.2
<b>Second Cut Date</b>																
MC5250 CONV	102	29,563	3471	26.6	63.4	7.7	19.6	36.7	4.1	36.6	54.5	9.7	38.0	73.1	49.5	73.6
MCT5375 3122EZREF	103	32,668	3628	28.1	61.5	7.7	17.6	33.6	3.6	38.7	58.4	7.6	40.8	69.8	53.1	75.8
47J04 3122EZREF	104	31,168	3685	26.4	61.7	8.2	17.5	31.4	3.7	33.2	56.2	7.8	42.2	70.7	54.6	76.3
MCT5454 VIP3111	104	38,535	3518	34.2	63.0	7.8	19.0	35.2	3.9	36.8	54.6	8.6	39.1	72.8	51.6	74.1
LR 97S05 GENSSRIB	105	40,845	3792	33.7	64.8	8.4	17.4	32.5	3.7	37.2	60.4	7.6	39.7	70.2	52.7	78.0
MCT5663 3000GT	106	35,754	3661	30.5	62.9	7.5	17.9	34.1	3.5	38.6	57.2	7.2	40.7	68.7	54.3	76.1
MC5790 CONV	107	30,895	3556	27.1	66.2	8.1	19.7	36.2	3.7	40.2	57.9	8.4	35.4	71.0	49.7	74.9
LR 98S08 GENSSRIB	108	34,112	3721	28.6	67.2	8.0	18.8	34.1	3.8	35.5	57.0	8.4	38.3	74.5	52.5	76.9
<b>Plot Average:</b>		<b>32,157</b>	<b>3587</b>	<b>28.0</b>	<b>66.3</b>	<b>8.0</b>	<b>19.4</b>	<b>35.6</b>	<b>3.7</b>	<b>40.8</b>	<b>58.8</b>	<b>7.9</b>	<b>37.1</b>	<b>74.8</b>	<b>50.6</b>	<b>75.4</b>