

2022 Corn Silage Data

							ENERGY		FIBER				Milk 2006 30 Hr		Milk/Acre
Brand	Product	Technology	RM	Yield at 65% Moist. (Tons/A)	Dry Matter (%)	Crude Protein (%DM)	Starch (%DM)	In-Situ SD - 7hr (%STARCH)	aNDF(%DM)	NDFD30(%NDF)	uNDF240(%DM)	TTNDFD(%NDF)	Milk/Ton (Lbs)	Rank	(Lbs)
ProHarvest	83P33	DGVT2PRIB	113	22.7	35.9	7.6	37.4	67.28	39.38	57.36	12.83	43.34	3,417	8	27,301
ProHarvest	74P51	SmartStax RIB	104	21.2	35.2	7.9	38.0	66.84	39.20	59.52	11.78	44.54	3,542	1	26,439
ProHarvest	79P72	Viptera Z3	109	20.5	36.8	7.4	35.8	67.09	40.59	59.68	12.68	45.02	3,478	2	25,439
ProHarvest	84P78	TreRIB	114	21.2	33.9	7.9	36.1	65.65	39.40	57.75	13.30	42.37	3,421	7	25,013
ProHarvest	82P40	SmartStax RIB	112	21.4	35.6	8.0	36.1	68.47	39.24	58.76	13.17	43.22	3,338	12	24,988
ProHarvest	82P29	VT2PRIB	112	19.9	35.3	7.4	33.8	66.40	41.55	60.00	12.57	43.36	3,446	4	24,695
EXP	XS2275	GT	111	21.6	33.4	8.1	36.2	63.74	39.19	57.75	12.93	43.29	3,342	11	24,577
ProHarvest	6828	SmartStax RIB	106	20.7	33.9	7.9	38.3	65.41	38.40	57.68	13.15	42.20	3,428	6	24,375
Dairyland	DL5202	Qrome	112	21.9	32.0	8.0	35.8	67.57	39.25	56.84	13.75	43.64	3,350	10	24,292
EXP	XS2260	GT	110	20.2	34.4	7.9	36.8	68.26	38.95	55.98	13.73	42.65	3,318	13	23,211
ProHarvest	85P90	SmartStax RIB	115	19.5	33.5	8.1	35.8	66.50	39.37	57.26	13.60	41.09	3,448	3	23,165
Dairyland	DL4999	Qrome	109	19.9	32.0	7.9	34.8	64.82	40.04	57.60	11.99	41.44	3,442	5	22,513
EXP	XS2255	RR2	108	18.4	34.0	7.8	30.2	65.23	43.79	57.51	13.32	41.84	3,390	9	21,425
Total Averages				20.7	34.3	7.8	35.7	66.4	39.9	58.0	13.0	42.9	3,410		24,378

Yield at 65% Mois.
Dry Matter (%)
Crude Protein (%DM)
Starch (%DM)
In-Situ SD - 7hr (%STARCH)
aNDF (%DM)
NDFD30 (%NDF)
uNDF240 (%DM)
TTNDFD (%NDF)

Silage yield in tons per acre adjusted to 65% moisture.

The percentage of the freshly chopped forage consisting of Dry Matter (without moisture).

The percentage of forage dry matter consisting of Crude Protein. High values are desired.

The percentage of forage dry matter consisting of Starch. Starch, derived from grain and digestible fiber, is a key energy element. High values are desired.

The percentage of total starch that is nutritionally available by digestion after 7 hours. High values are desired.

Neutral Detergent Fiber measures the fiber content of the forage, expressed as percentage of forage dry matter. Low values are desired.

Neutral Detergent Fiber Digestibility measures the fiber digestibility of the forage within 30 hours of rumination, expressed as percentage of NDF. High values are desired.

Undigested Neutral Detergent Fiber content remaining after 240 hours expressed as percentage of forage dry matter. Low values are desired.

Is a measure of the extent and speed of fiber digestion throughout the entire tract of a high-producing dairy cow. High values are desired.



*Data represents replicated testing done in 2022 with 3rd Party testing from Northern, IL and Southern, WI plus our own internal testing with the ISU Farm in Lexington, IL