

TABLE 2

Nutrient composition of 8 samples of fresh corn silage collected in South Dakota

Nutrient	Samples							
	1	2	3	4	5	6	7	8
Dry Matter (%)	24.3	26.9	24.3	25.4	25.0	25.5	26.5	26.9
Protein (% DM)	9.34	9.11	8.86	8.91	10.2	9.1	7.83	8.34
ADF (% DM)	34.1	29.7	28.4	28.9	24.8	25.3	23.7	22.8
NDF (% DM)	55.7	50.7	48.3	47.5	43.7	46.0	40.2	40.6
Lignin (% DM)	4.43	3.28	3.34	4.05	3.24	2.6	2.72	2.60
Starch (% DM)	4.99	8.33	9.52	13.7	14.1	20.1	28.0	29.6
Sugar (% DM)	8.67	14.0	12.4	9.48	13.3	9.15	6.76	5.75
Ash (% DM)	6.50	6.18	5.71	8.85	5.98	5.83	4.72	4.76
Nitrates (ppm)	< 300	1700	< 300	< 300	640	736	< 300	< 300
NEI (Mcal/lb)	0.61	0.65	0.65	0.62	0.67	0.69	0.71	0.72

Abbreviation: DM (dry matter), NDF (neutral detergent fiber), ADF (acid detergent fiber), NEI (net energy for lactation).