

Table 3. Herbage production, disappearance and livestock performance and production on short duration (SD) and repeated seasonlong (SL) grazing treatments from 1982 to 1992 at the Central Grasslands Research Center in southcentral North Dakota.

Year	System	Herbage		Livestock			
		Production (kg/ha)	Disappearance (%)	Cows		Calves	
				ADG (kg)	AG/ha (kg)	ADG (kg)	AG/ha (kg)
1982	SD	2457	41	0.32	15.7	0.73	34.7
	SL	2747	41	0.36	12.3	0.73	23.5
1983	SD	2466	59	0.32	21.3	0.82	57.1
	SL	2539	67	0.41	19.0	0.86	39.2
1984	SD	1893	55	0.23	17.9	0.91	58.2
	SL	1847	42	0.18	10.1	0.95	42.6
1985	SD	1620	62	0.27	21.3	0.95	65.0
	SL	3172	58	0.32	16.8	0.95	44.8
1986	SD	3997	52	0.41	32.5	0.95	66.1
	SL	3835	59	0.41	23.5	1.00	47.0
1987	SD	4336	64	0.45	35.8	1.04	70.6
	SL	4546	51	0.50	25.8	1.09	52.6
1988	SD	1687	75	0.14	5.6	1.00	52.6
	SL	1723	47	0.18	6.7	1.00	37.0
1989	SD	3428	57	0.32	22.4	1.27	90.7
	SL	2764	53	0.36	19.0	1.27	66.1
1990	SD	3158	58	0.50	41.4	1.14	79.5
	SL	2916	55	0.54	31.4	1.18	58.2
1991	SD	2865	60	0.18	14.6	1.18	78.4
	SL	2510	56	0.23	13.4	1.18	54.9
1992	SD	2508	51	0.59	38.1	1.18	75.0
	SL	3277	58	0.68	33.6	1.14	57.1
11-year <sup>1</sup>	SD	2756	56	0.32	24.6	1.00	66.1
Average		1503-4336	41-75	0.14-0.59	5.6-41.4	0.73-1.27	34.7-90.7
Range	SL	2897	53	0.36	19.0	1.04	47.0
		1723-4546	41-67	0.18-0.68	6.7-33.6	0.73-1.27	23.5-66.1

<sup>1</sup>Eleven year average herbage production, disappearance and cow and calf performance (ADG) did not differ ( $P \geq 0.1$ ) between grazing treatments.