

Grass Tillers' Crude Protein

Mean percent crude protein of lead tillers and secondary tillers on twice-over grazing treatments in central North Dakota, data from Sedivec 1999.

% Crude Protein Lead Tillers							
Physiological growth stage							
	Leaf 2.5	Leaf 3.0	Leaf 3.5/4.0	Boot to Head	Seed develop	Mature	Senescence
Cool-Season	19.2	15.7	12.2	9.0	6.4	4.8	3.7
Kentucky Bluegrass	22.0	-	10.4	10.3	6.1	4.2	1.9
Warm-Season	11.9	10.5	8.8	8.7	5.2	5.3	2.9

% Crude Protein Secondary Tillers					
Secondary growth by date					
	mid Jul	mid Aug	early Sep	late Sep	mid Oct
Cool-Season	10.2	11.6	13.2	12.1	6.1
Kentucky Bluegrass	9.2	9.4	20.4	10.9	7.1
Warm-Season	-	8.9	10.0	8.2	5.7

Literature Cited

Sedivec, K. 1999. Nutritional quality of selected rangeland plants. Summary Report. NDSU Animal and Range Sciences Dept. Research Report. Fargo, ND.