

TABLE 1

Monosaccharides in NDF from low and high cellulose diets determined by HPLC

Monosaccharide	Low cellulose		High cellulose	
	mg/day	% of total	mg/day	% of total
Glucose ¹	5,785	76	20,813	86
Xylose	840	11	1,826	8
Galactose + rhamnose	194	3	194	1
Arabinose	476	6	715	3
Mannose	282	4	578	2
Total	7,577 ²		24,126 ³	

¹Glucose values corrected for starch content of NDF and include cellobiose: low cellulose, 483 mg; high cellulose, 2546 mg. ²82% recovery of NDF weight as monosaccharide. ³107% recovery of NDF weight as monosaccharide.