

Table 2. Effects of nitrogen (N) application and grass-legume mixture ratios on acid detergent fiber (ADF), neutral detergent fiber (NDF), and crude protein (CP) in three years, 2014, 2015, and 2016

Treatment†	2014			2015			2016		
	ADF	NDF	CP	ADF	NDF	CP	ADF	NDF	CP
	g kg ⁻¹								
100AF	226	333	286	233	348	292	340	455	176
50AF+50MB	270	394	214	317	528	187	368	508	141
30AF+70MB	276	400	206	326	532	181	343	472	157
25AF+25SF+50MB	278	403	190	328	509	185	379	555	126
100SF	259	372	194	291	381	204	313	414	173
50SF+50MB	286	412	182	336	523	152	356	519	132
30SF+70MB	283	413	180	341	540	146	367	546	121
25AF+25BFT+50MB	272	400	206	317	516	191	361	524	145
100BT	247	352	231	242	322	296	331	395	180
50BT+50MB	282	418	190	331	528	179	351	500	151
30BT+70MB	291	430	183	335	527	170	344	480	146
16AF+16SF+16BT+50MB	267	389	210	305	474	209	358	518	132
100MB+N0	300	450	175	370	611	126	371	554	123
100MB+N56	291	440	180	374	608	126	381	579	123
100MB+N112	289	439	187	364	600	136	353	534	139
P value	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0054	<0.0001	<0.0001

†% of AF = alfalfa; BT = birdsfoot trefoil; SF = sainfoin; MB = meadow brome; N0 = 0 kg N ha⁻¹; N56 = 56 kg N ha⁻¹; N112 = 112 kg N ha⁻¹